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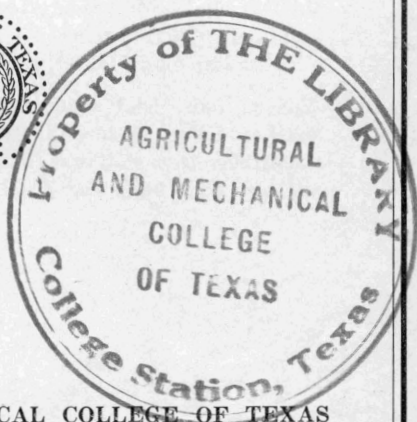
SEPTEMBER 1940

COMMERCIAL FEEDING STUFFS

From September 1, 1939 to August 31, 1940

F. D. FULLER AND JAMES SULLIVAN

Division of Feed Control Service



AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS
T. O. WALTON, President

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This bulletin is the thirty-fifth annual report on the inspection of feeding stuffs sold in Texas under the provisions of the Texas Feed Law. During the year ended August 31, 1940, 3,592 samples were submitted to chemical analysis and microscopical examination by the Division of Chemistry, 3,496 of which were secured by inspectors. In addition, twenty-eight samples of fish liver oils and fortified fish liver oils were assayed for vitamins A and D potency, and thirty samples of feed were tested for carotene content. Twenty-seven samples of cottonseed cake were examined for hardness. Three hundred and eighty-five determinations of salt and three hundred and sixty-three determinations of carbonate of lime in mixed feeds were also made.

In this bulletin is found the analysis of each sample and a detailed report of the results obtained in the inspection of feeding stuffs from September 1, 1939, to August 31, 1940.

Tables are given showing the average composition, digestible protein, and productive energy of many feeding stuffs analyzed. A table is given showing the average protein content of the cottonseed products made by each oil mill, so that the reader can see which mills maintained the guaranties on the average. Computed from the sale of tax tags, there were 1,705,552 tons of feed sold in the State during the fiscal year covered by this report. This amount represents only the tonnage of feeding stuffs regulated by the Texas Feed Law and does not include whole grains.

Chemical standards for various by-product feeds and special-purpose mixed feeds are shown, and definitions of and standards for commercial unmixed feeds are given, together with additional information on the requirements of the Texas Feed Law and the composition of feeding stuffs.

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**COMMERCIAL FEEDING STUFFS, SEPTEMBER 1, 1939,
TO AUGUST 31, 1940***

F. D. Fuller, Chief, and James Sullivan, Assistant Chief,
Division of Feed Control Service†

This Bulletin is a report on the work performed by the Texas Agricultural Experiment Station in the inspection of feeding stuffs sold in Texas during the year ended August 31, 1940. It includes additional information on the requirements of the Texas Feed Law and the composition of feeding stuffs.

DEFINITIONS OF TERMS

Protein includes all the nitrogenous compounds of a feed, regardless of their nature and is equal to the nitrogen present multiplied by 6.25. The animal uses protein to restore the waste of tissues and muscles, and to form flesh. Protein may also be oxidized in the body to produce heat, or it may serve as a source of fat in case of a deficiency in carbohydrates and fat, accompanied by an excess of protein. It is, however, a costly source of heat and fat.

Protein enters very largely into the composition of the whites of eggs, lean meat, curd of milk, gelatin, etc. It is used for the building and repair of body tissue, for new growth, in the production of milk or eggs and, therefore, is a necessary ingredient for the feeder to purchase. It is an important nutrient in feeding stuffs and usually is the most expensive to purchase. With a given feeding stuff, the more protein it contains the better its quality, compared with other feeding stuffs of the same class. It is incorrect, however, to compare the value of feeding stuffs of different kinds on a protein basis alone. For example, a cottonseed meal containing 45 per cent of crude protein does not have five times the value of corn chop containing 9 per cent of crude protein. There are other constituents of both feeds, such as fats, starches, and sugars, which are of great value to animals. Corn chop contains more carbohydrates than does cottonseed meal.

Fat is composed of substances which are extracted from the dry feeding stuffs by ether, and consists chiefly of fats and oils in the case of most feeding stuffs, but in the case of fodders and hays it is composed to a great extent of waxes, chlorophyll, and other substances in addition to fat. A pound of digestible fat is equal to 2.25 pounds of digestible carbohydrates in producing heat and energy. Fat is used in the animal body as a source of body fat, to furnish heat to keep the body warm, to furnish energy to run the animal mechanism and to produce work. All involuntary muscular movements require energy, which is furnished by the oxidation of fats, carbohydrates, or protein.

*Manuscript submitted for publication on September 18, 1940.

†With the collaboration of the other members of the Division Staff. The chemical analyses and microscopical examinations of feeding stuffs are made by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

Fiber is found in hays, straw, and similar material. It occurs in the cell walls and in the fibrous or woody parts of plants. It is the least digestible portion of a feed. By means of fermentation in the intestines fiber is digested to some extent by animals that chew the cud. The operation, however, consumes so much energy that a large proportion of the value of the fiber is taken up by the process of digestion. Ordinarily a feeding stuff having a high content of crude fiber is classed as a low-grade feed for the reason that such a feed usually is low in digestible protein and productive energy. Cottonseed hulls, oat hulls, peanut hulls, rice hulls, corn cobs, and materials of a similar nature contain high percentages of crude fiber. If sufficient bulky materials are available, such as hays, fodders, or grass, it is unwise for the feeder to expend money for the purchase of commercial feeding stuff containing large amounts of crude fiber, a constituent that is digested with difficulty.

If the crude fiber in cottonseed meal exceeds certain limits, it indicates that the feed is adulterated with cottonseed hulls. In a similar way, crude fiber in excess of a given standard indicates the presence of corn cobs or corn bran in corn chop, rice hulls in rice bran, etc.

Nitrogen-free Extract includes starches, sugars, gums, and other bodies of a similar nature. These, together with the fat, are oxidized to maintain the animal heat and to furnish energy for the production of work. The nitrogen-free extract of most feeding stuffs of a concentrated nature is composed largely of sugars and starches, which are readily digested.

Moisture is present in all feeding stuffs. The material may seem to be dry, but, nevertheless, it contains an appreciable amount of water. An excess of water may cause the feed to heat or spoil, if stored under such conditions that the feed cannot dry out quickly enough.

Ash is the residue from a feeding stuff that has been burned. It represents mostly that portion of the plant which comes from the soil. The ash consists chiefly of lime, magnesia, soda, and potash combined with chlorine and carbonic, sulphuric, or phosphoric acid. Constituents of ash are necessary to the animal inasmuch as they are used for the formation of bone, for constituents of the blood, and for other purposes. If the various necessary constituents of the ash are not present in sufficient quantity, the animal may not grow or produce as well as it should, or it may suffer from various diseases. Sometimes it is necessary to supplement the ash naturally present in feeds with additional amounts. Calcium and phosphorus are the constituents most often deficient. An excessive amount of ash in a feed may indicate adulteration with dirt, sand, or other mineral matter.

AVERAGE COMPOSITION OF FEEDING STUFFS ANALYZED

Table 1 shows the average composition of many feeding stuffs analyzed during the past year. The analyses of mixed and of proprietary feeds are not included in this table.

Table 1. Average Composition of Feeding Stuffs Analyzed During the Year 1939-1940

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
21	Alfalfa Leaf Meal	20.43	2.77	17.55	38.62	7.63	13.00
20	Alfalfa Meal	15.61	2.10	25.44	38.08	8.05	10.72
4	Alfalfa Stem Meal	11.07	1.00	37.27	34.61	8.40	7.65
3	Whole Barley, (Chopped, Ground, Rolled)	10.70	2.15	5.79	68.13	10.55	2.68
2	Beet Pulp, Dried	9.71	0.42	20.72	58.19	7.95	3.01
7	Brewers' Dried Grains	28.21	6.44	15.90	38.27	7.55	3.63
1	Condensed Buttermilk	10.90	2.18	0.14	12.76	69.96	4.06
12	Dried Buttermilk	32.32	6.50	0.20	42.58	7.53	10.87
1	Cane Heads, Stalks, and Stems (Ground)	5.09	1.49	18.87	46.73	10.37	17.45
7	Dried Citrus Pulp	6.17	2.15	11.31	64.39	9.94	6.04
3	Corn Bran	10.84	8.58	8.73	59.45	9.48	2.92
7	Corn Chop	10.28	3.81	2.01	72.17	10.01	1.72
6	Corn Feed Meal	9.76	4.69	2.50	69.80	11.48	1.77
9	Corn Gluten Feed	26.89	2.31	7.53	47.37	9.10	6.80
61	Ear Corn Chop with Husk	8.29	3.03	10.45	65.45	10.52	2.26
194	43% Protein Cottonseed Cake, Cubes, and Pellets	43.31	6.08	10.50	27.36	7.06	5.69
1	41.12% Protein Cracked Cottonseed Feed	39.88	5.51	12.31	27.64	8.47	6.19
28	41.12% Protein Ground Cottonseed Feed	40.64	6.46	11.57	28.16	7.08	6.09
528	43% Protein Cottonseed Meal	42.99	6.51	10.69	27.32	6.82	5.67
2	32% Protein Cottonseed Meal Screenings	29.32	4.14	19.16	34.65	8.21	4.52
2	30% Protein Ground Whole-Pressed Cottonseed	29.67	6.27	23.31	30.03	5.96	4.76
39	28% Protein Whole-Pressed Cottonseed	28.48	5.76	22.97	32.30	5.89	4.60
15	28% Protein Ground Whole-Pressed Cottonseed	28.50	5.17	22.58	33.57	5.58	4.60
5	25% Protein Whole-Pressed Cottonseed	27.41	6.74	24.14	30.25	6.83	4.63
1	72% Protein Herring Meal	73.21	6.26	0.31	0.01	7.54	12.67
4	68% Protein Fish Meal	69.15	3.85	0.22	6.35	6.59	13.84
3	64% Protein Fish Meal	67.68	4.56	0.31	5.93	6.86	14.66
1	60% Protein Fish Meal	63.25	4.89	0.36	4.80	8.15	18.55
2	50% Protein Dried Fish Meal	51.55	3.02	13.02	0.09	7.72	24.60
3	Hegari Heads, Stalks, and Stems (Ground)	6.76	1.67	16.21	51.76	13.29	10.31
20	Hominy Feed	11.19	7.05	6.21	63.75	9.03	2.77
1	Kafir Chop	11.39	2.53	1.98	72.20	9.74	2.16
1	Kafir Head Chop	11.87	2.19	6.81	67.08	8.56	3.49
2	Ground Dried Kelp	7.37	0.33	6.67	40.95	9.16	35.52
1	37% Protein Linseed Cake	37.30	6.04	8.31	32.84	9.81	5.70
8	37% Protein Linseed Meal	38.07	6.94	7.59	31.90	9.89	5.61
1	30% Protein Linseed Meal	31.11	4.75	7.07	42.79	9.03	5.25
1	55% Protein Meat Scraps	51.91	12.81	1.75	0.07	6.01	27.45
2	55% Protein Improved Meat and Bone Scraps	55.73	4.11	1.97	1.27	5.60	31.32
1	50% Protein Meat and Bone Meal Tankage	45.21	16.08	3.35	3.76	4.09	27.51
76	50% Protein Meat and Bone Scraps	51.03	10.24	2.03	1.41	6.22	29.07
1	47% Protein Meat and Bone Scraps	46.92	13.54	1.02	1.68	7.17	29.67
2	45% Protein Meat and Bone Scraps	50.07	10.27	1.48	1.76	7.84	28.58
2	Dried Skimmed Milk	35.43	1.26	0.14	50.55	4.33	8.29
2	Milo Chop	10.98	3.32	2.17	71.16	10.22	2.15
7	Milo Head Chop	9.76	2.33	8.49	63.72	10.35	5.35
3	Oat Groats (Ground, Rolled)	16.84	5.43	1.94	63.59	10.12	2.08
26	Whole Oats (Chopped, Crimped, Ground, Rolled)	11.77	4.90	10.93	58.59	9.71	4.10
3	36% Protein Peanut Feed	36.55	9.25	15.05	28.21	4.64	6.30
1	Cracked Peanuts Germs	33.08	44.96	3.04	13.55	2.25	3.12
1	Ground Peanut Hay	11.78	2.23	18.18	45.91	10.45	11.45
11	45% Protein Peanut Meal	42.54	8.01	14.72	23.42	7.23	4.08
43	43% Protein Peanut Meal	44.17	7.45	11.60	25.09	6.21	5.48
3	43% Protein Peanut Pellets	44.09	7.79	14.60	22.59	6.62	4.31
2	36% Protein Ground Whole-Pressed Peanuts	35.10	8.15	20.62	22.97	7.18	5.98
3	30% Protein Whole-Pressed Peanut Screenings	25.11	10.36	14.17	40.44	5.39	4.53
3	Ground Peanut Screenings	16.58	11.76	19.98	36.85	8.13	6.70
1	Peanut Skins	17.67	28.36	15.20	31.03	5.15	2.59
11	Rice Bran	12.87	15.11	12.02	38.83	8.78	12.39
7	Rice Polishings	12.41	12.86	2.89	51.55	9.63	10.66

Table 1. Average Composition of Feeding Stuffs Analyzed During the Year 1939-1940
—Continued

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
1	67% Protein Sardine Meal.....	70.51	4.92	0.49	6.08	4.18	13.82
5	65% Protein Sardine Meal.....	66.15	5.81	0.69	4.48	6.80	16.07
6	44% Protein Soybean Oil Meal.....	47.33	0.71	5.09	31.09	9.92	5.86
1	43% Protein Soybean Oil Meal.....	42.39	13.10	7.05	26.99	4.49	5.98
15	41% Protein Soybean Oil Meal.....	44.33	5.43	5.35	29.46	9.44	5.99
9	60% Protein Digester Tankage.....	60.55	8.27	2.24	2.60	7.27	19.07
6	50% Protein Digester Tankage with Bone...	54.34	10.96	1.66	1.44	7.05	24.55
1	50% Protein Feeding Tankage.....	70.69	2.88	2.36	3.37	13.94	6.76
1	40% Protein Feeding Tankage with Bone...	45.72	10.54	2.26	3.90	5.77	31.81
1	Ground Wheat.....	12.62	2.63	5.12	66.38	10.36	2.89
1	Wheat Bran.....	17.56	3.99	7.87	53.95	10.12	6.51
24	Wheat Bran and Screenings.....	17.99	4.29	9.49	52.67	9.55	6.01
10	Wheat Brown Shorts and Screenings.....	17.76	4.23	6.68	56.44	10.54	4.35
1	Wheat Red Dog Flour.....	16.81	2.43	1.50	67.47	9.81	1.98
55	Wheat Gray Shorts.....	18.66	4.33	5.67	56.27	10.96	4.11
194	Wheat Gray Shorts and Screenings.....	18.42	4.24	5.82	56.41	11.00	4.11
1	Wheat Mixed Feed.....	20.94	2.91	5.99	56.55	9.72	3.89
12	Wheat Mixed Feed and Screenings.....	18.58	3.86	7.47	55.97	9.20	4.92
6	Dried Whey.....	12.52	0.78	0.14	70.72	6.35	9.49

DIGESTIBLE PROTEIN AND PRODUCTIVE ENERGY OF FEEDS

The digestible protein represents that portion of the feed which can be used for the repair or formation of flesh or nitrogenous body constituents or for the formation of nitrogenous materials in milk or eggs. The productive energy represents that portion of the feed which is available for the purpose of furnishing heat to the animal or energy for life processes and work; it also furnishes material for the production of the constituents of milk, eggs, or fat. The productive energy represents the net value of the feed for energy after all losses involved in digestion and assimilation have been allowed for. The digestible protein and productive energy, therefore, are the two best indicators of the productive value of a feed.

The digestible protein and productive energy of feeds of the average composition shown in Table 1 are given in Table 2. The method of obtaining these figures is described fully in Bulletins Nos. 329, 372, 402, 436, and 461 of this Station.

Table 2. Digestible Protein and Productive Energy of Feeds Calculated from Average Analyses Shown in Table 1*

Name of Feed	Number Averaged	Digestible Protein Per Cent	Productive Energy, Therms in 100 lbs.
Alfalfa Leaf Meal.....	21	15.2	47.6
Alfalfa Meal.....	20	11.7	43.6
Alfalfa Stem Meal.....	4	7.7	34.0
Whole Barley, (Chopped, Ground, Rolled).....	3	8.6	74.1
Beet Pulp, Dried.....	2	4.8	75.2
Brewers' Dried Grains.....	7	22.8	52.9
Condensed Buttermilk.....	1	10.3	28.7

*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

Table 2. Digestible Protein and Productive Energy of Feeds Calculated from Average Analyses Shown in Table 1*—Continued

Name of Feed	Number Averaged	Digestible Protein Per Cent	Productive Energy, Therms in 100 lbs.
Dried Buttermilk.....	12	30.4	90.0
Cane Heads, Stalks, and Stems (Ground).....	1	2.7	39.1
Dried Citrus Pulp.....	7	4.8	76.3
Corn Bran.....	3	5.8	59.8
Corn Chop.....	7	6.6	86.7
Corn Feed Meal.....	6	6.3	86.0
Corn Gluten Feed.....	9	23.5	67.9
Ear Corn Chop with Husk.....	61	4.9	71.1
43% Protein Cottonseed Cake, Cubes, and Pellets.....	194	36.6	71.2
41.12% Protein Cracked Cottonseed Feed.....	1	33.7	63.7
41.12% Protein Ground Cottonseed Feed.....	28	34.3	70.4
43% Protein Cottonseed Meal.....	528	36.3	72.0
32% Protein Cottonseed Meal Screenings.....	2	24.5	52.0
30% Protein Ground Whole-Pressed Cottonseed.....	2	23.8	57.9
28% Protein Whole-Pressed Cottonseed.....	39	22.8	57.3
28% Protein Ground Whole-Pressed Cottonseed.....	15	22.8	56.7
25% Protein Whole-Pressed Cottonseed.....	5	22.0	57.3
72% Protein Herring Meal.....	1	55.0	72.1
68% Protein Fish Meal.....	4	51.9	62.7
64% Protein Fish Meal.....	3	50.8	63.4
60% Protein Fish Meal.....	1	47.5	60.9
50% Protein Dried Fish Meal.....	2	38.7	47.1
Hegari Heads, Stalks, and Stems (Ground).....	3	3.5	43.8
Hominy Feed.....	20	7.6	85.6
Kafir Chop.....	1	8.8	86.4
Kafir Head Chop.....	1	8.2	75.6
Ground Dried Kelp.....	2	3.7	26.2
37% Protein Linseed Cake.....	1	31.3	75.2
37% Protein Linseed Meal.....	8	31.9	77.2
30% Protein Linseed Meal.....	1	26.1	75.6
55% Protein Meat Scraps.....	1	51.3	85.3
55% Protein Improved Meat and Bone Scraps.....	2	55.1	66.6
50% Protein Meat and Bone Meal Tankage.....	1	39.8	82.5
50% Protein Meat and Bone Scraps.....	76	50.4	77.7
47% Protein Meat and Bone Scraps.....	1	46.4	82.1
45% Protein Meat and Bone Scraps.....	2	49.5	76.8
Dried Skimmed Milk.....	2	33.3	87.4
Milo Chop.....	2	8.0	88.1
Milo Head Chop.....	7	7.4	73.5
Oat Groats (Ground, Rolled).....	3	15.2	96.7
Whole Oats (Chopped, Crimped, Ground, Rolled).....	26	9.3	71.9
36% Protein Peanut Feed.....	3	29.5	52.4
Cracked Peanut Germs.....	1	29.4	152.9
Ground Peanut Hay.....	1	7.6	46.6
45% Protein Peanut Meal.....	1	37.8	80.3
43% Protein Peanut Meal.....	11	39.2	81.6
43% Protein Peanut Pellets.....	3	39.2	80.4
36% Protein Ground Whole-Pressed Peanuts.....	2	28.4	46.5
30% Protein Whole-Pressed Peanut Screenings.....	3	20.3	47.6
Ground Peanut Screenings.....	3	13.4	42.1
Peanut Skins.....	1	4.4	72.5
Rice Bran.....	11	8.9	69.8
Rice Polishings.....	7	8.8	88.9
67% Protein Sardine Meal.....	1	53.0	66.5
65% Protein Sardine Meal.....	5	49.7	65.5
44% Protein Soybean Oil Meal.....	6	39.5	72.1
43% Protein Soybean Oil Meal.....	1	35.4	90.5
41% Protein Soybean Oil Meal.....	15	37.0	78.1
60% Protein Digester Tankage.....	9	42.1	64.2
50% Protein Digester Tankage with Bone.....	6	37.8	65.2
50% Protein Feeding Tankage.....	1	49.1	59.4
40% Protein Feeding Tankage with Bone.....	1	31.8	60.2
Ground Wheat.....	1	10.2	80.8
Wheat Bran.....	1	13.8	56.3
Wheat Bran and Screenings.....	24	14.1	56.6
Wheat Brown Shorts and Screenings.....	10	14.6	63.7
Wheat Red Dog Flour.....	1	13.3	84.8
Wheat Gray Shorts.....	55	15.7	75.6
Wheat Gray Shorts and Screenings.....	194	15.5	75.4
Wheat Mixed Feed.....	1	16.8	61.6
Wheat Mixed Feed and Screenings.....	12	14.9	61.4
Dried Whey.....	6	11.8	84.6

*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

ESTIMATED TONNAGE OF FEEDING STUFFS SOLD IN TEXAS, 1906-1940

Table 3 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-four years as computed from the sale of tax tags, assuming that all the tags sold during the period covered by this report are used for feeds sold during that period. It is impossible to give complete data on the number of tons of the various classes of feeds sold for consumption in Texas, owing to the fact that some manufacturers purchase blank tax tags and print on the tags, at their places of business, the information required by the Texas Feed Law. In connection with this table, attention should be called to the fact that the figures given represent only the tonnage of commercial feeding stuffs regulated by the Texas Feed Law and do not include whole grains.

Table 3. Estimated Tonnage of Feeding Stuffs Sold in Texas, 1906-1940

Years	Tons
1906-1907.....	485,805
1907-1908.....	511,661
1908-1909.....	532,792
1909-1910.....	755,488
1910-1911.....	820,277
1911-1912.....	972,340
1912-1913.....	680,259
1913-1914.....	847,716
1914-1915.....	881,136
1915-1916.....	778,137
1916-1917.....	974,608
1917-1918.....	1,155,055
1918-1919.....	945,864
1919-1920.....	754,349
1920-1921.....	762,769
1921-1922.....	735,319
1922-1923.....	932,473
1923-1924.....	1,009,047
1924-1925.....	1,015,742
1925-1926.....	1,119,561
1926-1927.....	1,181,538
1927-1928.....	1,226,882
1928-1929.....	1,370,120
1929-1930.....	1,434,966
1930-1931.....	1,112,302
1931-1932.....	1,093,307
1932-1933.....	1,057,533
1933-1934.....	1,235,172
1934-1935.....	1,298,743
1935-1936.....	1,210,790
1936-1937.....	1,443,552
1937-1938.....	1,542,833
1938-1939.....	1,697,189
1939-1940.....	1,705,552

ASSAYS OF FISH LIVER OILS AND FORTIFIED FISH LIVER OILS

Labels attached to containers of fish liver oils and fortified fish liver oils sold in Texas give the following information:

Statement of net weight or quantity.

Name of product.

Vitamin D potency: Guaranteed not less than (?) A.O.A.C.
chick units of vitamin D per gram.

Vitamin A potency: Guaranteed not less than (?) U.S.P. units of vitamin A per gram.

Name and address of manufacturer or importer.

During the past year twenty-eight samples of these fish liver oils have been examined and Table 4 shows the results obtained in the biological assays of these samples, as made by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief. All products found below manufacturers' guaranties by initial tests were re-assayed at later dates.

Table 4. Assays of Fish Liver Oils and Fortified Fish Liver Oils

Name and Address of Manufacturer or Importer. Brand Name.	Minimum Guaranty A. O. A. C. Chick Units of Vitamin D per Gram	Did Sample Conform to Guaranty?	Registration or Inspection Number
Booth Company, Inc., F. E., San Francisco, California.			
High-Potency Sardilene-400.....	400	Yes	168K
Improved Sardilene.....	100	No	174S
California Packing Corporation, San Francisco, California.			
Biotol-85 Biologically Tested Sardine Oil.....	85	Yes	170T
Biotol-400 Super-Grade Brand Sardine Oil with Added Natural Fish Liver Oils.....	400	Yes	864B
Biotol-400 Super-Grade Brand Sardine Oil with Added Natural Fish Liver Oils.....	400	Yes	157H
Gorton-Pew Fisheries Company, Ltd., Gloucester, Massachusetts.			
Gorton Brand Cod Liver Oil.....	400	Yes	1121A
Gorton Brand Cod Liver Oil.....	400	No	152M
Huisking & Company, Inc., Chas. L., New York, New York.			
Vitamine Brand Cod Liver Oil.....	85	Yes	153H
Vitamine Brand Cod Liver Oil.....	85	Yes	150M
Johnson & Company, Mead, Evansville, Indiana.			
Mead's Cod Liver Oil Stearine.....	100	Yes	177S
Napthole, Inc., Boonton, New Jersey.			
Vitand Brand Fortified Cod Liver Oil.....	400	Yes	156H
National Oil Products Company, Inc., Harrison, New Jersey.			
Nopco-XX Brand Cod Liver Oil.....	400	No	130H
Nopco-XX Brand Cod Liver Oil.....	400	No	167K
Nopco-XX Brand Cod Liver Oil.....	400	No	171K
Nopco-XX Brand Cod Liver Oil.....	400	No	168M
Nopco-XX Brand Cod Liver Oil.....	400	Yes	179S
Nopco-XX Brand Cod Liver Oil.....	400	No	166T
Nopco-XX Brand Cod Liver Oil.....	400	No	171W
Nopco-XX Brand Cod Liver Oil.....	400	No	240W
Nopco-XX Brand Cod Liver Oil.....	400	No	272W
Silmo Chemical Corporation, Vineland, New Jersey.			
Silmo XX Cod Liver Oil.....	400	No	168F
Silmo XX Cod Liver Oil.....	400	No	218S
Squibb & Sons, E. R., New York, New York.			
Exadol.....	400	No	184F
Exadol.....	400	No	316T

Table 4. Assays of Fish Liver Oils and Fortified Fish Liver Oils—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Minimum Guaranty A. O. A. C. Chick Units of Vitamin D per Gram	Did Sample Conform to Guaranty?	Registration or Inspection Number
Wardall, W. J., Trustee of the Estate of McKesson & Robbins, Inc., New York, New York. "Sol-Vit-Ax" Brand British Poultry Cod Liver Oil USP Desteatinated.....	100	No	151M
White Laboratories, Inc., Newark, New Jersey.			
Clo-Trate Brand Fortified Cod Liver Oil.....	400	Passed	243F
Clo-Trate Brand Fortified Cod Liver Oil.....	400	No	191K
Clo-Trate Brand Fortified Cod Liver Oil.....	400	No	173W

CAROTENE IN FEEDS

Vitamin A potency in feeds may be supplied by vitamin A as such, which occurs as a colorless compound in fish oils, by carotene, which occurs as a yellow compound in alfalfa products and other green feeds, or by cryptoxanthin and carotene, which occur in yellow corn. The most important sources of vitamin A potency are carotene in green colored feeds and cryptoxanthin and carotene in yellow corn. To the feeder of livestock, a vitamin A deficiency means less gain in weight per pound of feed, more sick animals, greater mortality, and a lower grade of finished stock. This results, of course, in a lower profit, or even a loss. Dairy cattle, sheep, and beef cattle secure most of their needed carotene from green plants or roughages, but poultry and hogs, which do not have access to green feed, are dependent on the feed furnished them. It is important, therefore, to know what commercial feeds are high in carotene and what feeds are deficient.

During the past year an investigation of the carotene content of a few feeds on the Texas market has been made under the direction of Dr. G. S. Fraps, Chief, Division of Chemistry, and the results are shown in Table 5. Wide differences are seen in the carotene content of the feed studied.

Table 5. Carotene in Feeds

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene per Million	Registration or Inspection Number
Bewley Mills, Fort Worth, Texas. Anchor Alfalfa Leaf Meal.....	22.0	384T
Burrus Feed Mills, Dallas, Texas, and Branches. McCoy's Special Crimped Whole Oats, Ear Corn Chop with Husk, Alfalfa Meal, Molasses, and Salt.....	5.1	292F
Davis Feed Store, John, Big Spring, Texas. Alfalfa Meal.....	57.0	435S

Table 5. Carotene in Feeds—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Parts Pure Carotene per Million	Registration or Inspection Number
Denver Alfalfa Milling & Products Company, The, Lamar, Colorado. Alfalfa Stem Meal and Molasses.....	2.3	384K
Economy Mills, Lubbock, Texas. Green Top Brand Alfalfa Leaf Meal..... Green Top Brand Special Alfalfa Meal.....	41.2 47.5	436K 497K
Farmers Alfalfa Milling Company, Fort Smith, Arkansas. Tendergreen Brand Dehydrated Alfalfa Leaf Meal.....	92.0	741A
Fernando Valley Milling & Supply Company, Los Angeles, California. Fernando Alfalfa Stem Meal.....	19.2	380M
Grapevine Milling Company, Grapevine, Texas. Alfalfa Meal..... Alfalfa Meal and Molasses.....	24.0 16.1	409T 388T
Keith, O. W., Port Arthur, Texas. Alfalfa Meal.....	31.5	428M
Martin-Lane Company, Vernon, Texas. Alfalfa Meal.....	70.5	490K
Paul's Flour & Feed, El Paso, Texas. Alfalfa Meal.....	58.5	439S
Pecos Valley Alfalfa Mill Company, Hagerman, New Mexico. Alfalfa Meal..... Alfalfa Meal..... Peevee Alfalfa Leaf Meal..... Peevee Alfalfa Leaf Meal..... Peevee Alfalfa Leaf Meal..... Peevee Alfalfa Leaf Meal..... Peevee Alfalfa Leaf Meal..... Vitalfa Brand Dehydrated Alfalfa Leaf Meal.....	45.5 99.5 21.5 150.0 45.5 196.0 160.5	427H 480K 394F 430H 433M 502W 432F
Scott Mill & Elevator Company, Jno. R., Childress, Texas. Alfalfa Meal.....	52.0	484K
Small Company, Inc., The W. J., Neodesha, Kansas. Small's Dehydrated Alfalfa Leaf Meal..... Small's Dehydrated Alfalfa Leaf Meal..... Small's 17% Protein Dehydrated Alfalfa Meal.....	139.0 115.0 88.0	425H 420T 506W
Standard Milling Company, The, Lubbock, Texas. Alfalfa Meal.....	39.0	471S
Waldo Alfalfa Milling Company, Inc., Bryan, Texas. Waldo Dehydrated Alfalfa Leaf Meal..... Waldo Dehydrated Alfalfa Leaf Meal.....	166.5 143.0	464F 442M
Waldo Alfalfa Milling Company, Inc., El Reno, Oklahoma. Waldo Dehydrated Alfalfa Leaf Meal..... Waldo Dehydrated Alfalfa Leaf Meal.....	178.0 157.0	432M 541W
Watson, R., Mart, Texas. Chowmix All-Mash Laying Ration.....	3.1	513W

HARDNESS OF COTTONSEED CAKE

The force required to crush cottonseed cake between flat surfaces has been adopted as the best method of testing cake to ascertain its hardness. Tentatively, cracked cake with a crushing strength of 400 pounds or less is classed as soft; cake with a crushing strength of 401 to 1,500 pounds is classed as medium hard; cake with a crushing strength of 1,501 to 2,500 pounds is classed as hard, and that with a crushing strength of over 2,500 pounds is classed as very hard. This classification refers to the nut-size cottonseed cake, cubes, and pellets as sold for feeding purposes.

During the past year twenty-seven samples have been tested for hardness by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief, and the results appear in Table 6.

Table 6. Hardness of Cottonseed Cake

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Alamo Cotton Oil Mill, San Antonio, Texas. Cotton Bloem Brand 43% Protein Cottonseed Cake.....			1636		3-H-Special
Brady Cotton Oil Company, Brady, Texas. 43% Protein Cottonseed Cake.....		550			1-S-Special
Coleman Cotton Oil Mill, Coleman, Texas. 43% Protein Cottonseed Cake.....	284				2-S-Special
Crockett Cotton Oil Mill, Crockett, Texas. 43% Protein Cracked Cottonseed Cake.....		666			3-F-Special
East Texas Cotton Oil Company, Palestine, Texas. 43% Protein Nut-Size Cottonseed Cake.....		1286			4-F-Special
East Texas Cotton Oil Company, Tyler, Texas. 43% Protein Cracked Cottonseed Cake.....		1162			2-F-Special
Fidelity Products Company, Houston, Texas. 43% Protein Cracked Cottonseed Cake.....			1695		3-M-Special
Hill County Cotton Oil Company, Hillsboro, Texas. 43% Protein Cottonseed Cake.....	327				1-W-Special
Kenedy Cotton Oil Mill, Kenedy, Texas. 43% Protein Cottonseed Cake.....		1446			4-H-Special
Kimbell Oil Mill, The, Sherman, Texas. 43% Protein Cottonseed Cake.....	318				3-T-Special
Magnolia Provision Company, Houston, Texas. 43% Protein Cracked Cottonseed Cake.....		479			2-M-Special

Table 6. Hardness of Cottonseed Cake—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Merchants & Planters Oil Company, Houston, Texas. 43% Protein Cracked Cotton- seed Cake.....		564			1-M-Special
Munger Cotton Oil Company, Teague, Texas. 43% Protein Cottonseed Cake..	210				3-W-Special
Oil Mill & Fertilizer Works, Henderson, Texas. 43% Protein Cracked Cotton- seed Cake.....		1345			1-F-Special
Planters Cotton Oil Mill, Ennis, Texas. 43% Protein Cottonseed Cake..		1075			2-T-Special
Quanah Cotton Oil Company, Quanah, Texas. 43% Protein Cottonseed Cubes..	108				2-K-Special
Rule Cotton Oil Mill, Rule, Texas. Chuck Wagon Brand 43% Pro- tein Cottonseed Cake.....		1368			3-S-Special
Schumacher Oil Works, The H., Navasota, Texas. 43% Protein Cottonseed Cake..		866			4-M-Special
Southland Cotton Oil Company, Waxahachie, Texas. 43% Protein Cottonseed Cake..	51				1-T-Special
South Texas Cotton Oil Company, Austin, Texas. 43% Protein Cracked Cotton- seed Cake.....	376				2-H-Special
South Texas Cotton Oil Company, Corpus Christi, Texas. 43% Protein Cottonseed Cake..		920			1-H-Special
South Texas Cotton Oil Company, Hearne, Texas. 43% Protein Cracked Cotton- seed Cake.....		1363			4-W-Special
Stamford Cotton Oil Mill, Stamford, Texas. Chuck Wagon Brand 43% Pro- tein Cottonseed Cake.....		951			4-S-Special
Vernon Cotton Oil Company, Vernon, Texas. 43% Protein Cottonseed Pellets..	28				1-K-Special
West Cotton Oil Mill, West, Texas. 43% Protein Cottonseed Cake..		918			2-W-Special
West Texas Cottonoil Co., Plainview, Texas. Paymaster Brand 43% Protein Cottonseed Cake.....		1080			4-K-Special
West Texas Cottonoil Co., Slaton, Texas. Paymaster Brand 43% Protein Cottonseed Cake.....		682			3-K-Special

CARBONATE OF LIME AND SALT IN MIXED FEEDS

Many feeds of a mixed nature are registered to contain certain percentages of ground limestone, ground oyster shell, or some other material as a source of carbonate of lime, and salt. Determinations of the percentages of salt and carbonate of lime in quite a few of the inspection samples of mixed feeds show that the guaranties were not met in all cases. Some samples contained more salt and lime carrier than guaranteed, while others contained deficiencies in these ingredients, indicating failure to follow the formulas or lack of uniformity in mixing the ingredients.

During the period covered by this report the Division of Chemistry made 385 quantitative determinations of salt and 363 quantitative determinations of carbonate of lime in mixed feeds. Those shipments containing appreciable deficiencies or excesses were reported to the manufacturers and may be listed as follows:

- 27 Deficient in ground limestone
- 5 Deficient in ground limestone and salt
- 5 Deficient in ground limestone with excess of salt
- 16 Deficient in ground oyster shell
- 8 Deficient in ground oyster shell and salt
- 1 Deficient in ground oyster shell with excess of salt
- 4 Deficient in precipitated calcium carbonate
- 2 Deficient in precipitated calcium carbonate and salt
- 9 Deficient in salt
- 3 Deficient in salt with excess of ground limestone
- 3 Deficient in salt with excess of ground oyster shell
- 11 Excess of ground limestone
- 2 Excess of ground limestone and salt
- 24 Excess of ground oyster shell
- 8 Excess of ground oyster shell and salt
- 19 Excess of salt
- 2 Excess of precipitated calcium carbonate
- 2 Excess of carbonate of lime

The percentage of samples showing excess of lime is somewhat greater than last year and the percentage showing deficiencies is considerably less. There is still need for greater improvement on the part of some manufacturers, particularly concerning the use of salt as the percentage of samples showing excess of salt was 9.1 per cent as compared with 4.4 per cent of the previous year. The amount of limestone, oyster shell, and other lime carriers, and salt is always shown on feed inspection tags and the guaranties should be maintained in all cases.

Table 7 shows that 33.8 per cent of the samples examined for lime carriers and 16.8 per cent of the samples examined for salt, did not contain the correct amount of limestone, oyster shell, or carbonate of lime, or salt, as guaranteed to be present.

All manufacturers are advised to follow the formulas and take the necessary steps to insure proper mixing of the ingredients before sales are made.

Table 7. Summary of Carbonate of Lime and Salt Determinations

Ingredient	Number Samples Examined	Number Samples Deficient	Number Samples with Excess	Per Cent	
				Deficient	With Excess
Limestone, Oyster Shell, or Calcium Carbonate.....	363	68	55	18.7	15.1
Salt.....	385	30	35	7.7	9.1

TESTS OF COMMERCIAL FEEDS FOR POISONS OR OTHER HARMFUL SUBSTANCES

The Division frequently receives complaints from feeders that they have sustained a loss of livestock and allege that certain feed is responsible for this loss. Samples of the feed in question accompany these complaints and the Division is requested to examine for the presence of poison or other harmful substances.

During the period covered by this report twenty-eight such samples have been received and used in feeding tests. Thirteen samples of poultry feed were fed to chickens of proper age under the direction of R. M. Sherwood, Chief, Division of Poultry Husbandry, and fifteen samples of stock feed were fed to proper animals under the direction of Dr. H. Schmidt, Chief, Division of Veterinary Science. In all cases the tests were made under close supervision and in no instance did we find any poison or other substance present which would cause the sickness or death of animals.

RETAIL PRICES OF FEEDS

In September, 1939, January, 1940, and May, 1940, the retail prices of sixteen simple feed commodities were secured in three towns in each of seven districts into which the State was divided. This survey was made to determine what differences, if any, existed between the prices of given commodities in different sections of the State at intervals of four months. Table 8 shows the towns surveyed in each district in September, January, and May of the year ended August 31, 1940.

Table 9 shows the average retail prices of feeds per ton in each of seven districts, the average retail price for the State and also the average retail cash selling price for the year. In some instances it will be noted that wide differences existed between prices of the same commodity in different sections of the State when the survey was made. These differences are very largely due undoubtedly to differences in freight rates and the effect of supply and demand.

Table 8. Towns in Each District in Which Retail Prices Were Secured

Name of District	Towns Sept., 1939	Towns Jan., 1940	Towns May, 1940
Amarillo	Borger Amarillo Vernon	Lamesa Levelland Lubbock	Pampa Borger Amarillo
San Angelo	Pecos El Paso Marfa	Stamford Hamlin Abilene	Brownwood Cisco Abilene
Houston	Houston Conroe Lufkin	Goose Creek Houston Bryan	Houston Giddings Hallettsville
Waco	Mexia Corsicana Waxahachie	Mexia Corsicana Waxahachie	Waxahachie Clifton Hico
San Antonio	San Antonio Comfort Fredericksburg	Austin Lockhart Seguin	McAllen Alice San Antonio
Tyler	Gilmer Sulphur Springs Tyler	Longview Marshall Henderson	Clarksville Paris Sulphur Springs
Dallas	Sherman Celina Arlington	Eastland Dublin Dallas	Jacksboro Wichita Falls Fort Worth

Table 9. Average Retail Prices of Feeds by Districts

Name of Feed	Date	Price Per Ton. District							Average for State	Average for Year
		Ama-rillo	San Angelo	Houston	Waco	San Antonio	Tyler	Dallas		
		\$	\$	\$	\$	\$	\$	\$	\$	\$
43% Protein Cottonseed Cake.....	{ Sept., 1939	38.00	38.33	34.66	32.66	36.00	32.00	33.00	34.95	38.12
	{ Jan., 1940	42.33	41.66	38.66	37.00	39.00	38.33	39.33	39.47	
	{ May, 1940	43.33	41.33	39.33	39.00	40.33	37.00	39.33	39.95	
43% Protein Cottonseed Meal.....	{ Sept., 1939	38.00	38.33	34.66	32.66	36.00	32.00	33.00	34.95	38.12
	{ Jan., 1940	42.33	41.66	38.66	37.00	39.00	38.33	39.33	39.47	
	{ May, 1940	43.33	41.33	39.33	39.00	40.33	37.00	39.33	39.95	
Corn Chop.....	{ Sept., 1939	35.00	37.00	33.33	32.00	37.66	30.33	32.00	33.90	34.15
	{ Jan., 1940	32.66	32.33	33.33	30.33	33.00	31.33	34.00	32.42	
	{ May, 1940	38.66	36.00	36.00	34.66	39.66	34.33	33.66	36.14	
Milo or Kafir Chop.....	{ Sept., 1939	34.00	35.00	31.66	32.00	33.16	31.32
	{ Jan., 1940	24.33	29.00	32.33	.....	30.50	30.66	30.33	29.52
	{ May, 1940	29.00	31.00	32.33	34.00	31.66	29.66	31.33	31.28	
Prairie Hay.....	{ Sept., 1939	17.33	13.00	12.00	12.00	11.66	13.19	13.71
	{ Jan., 1940	.....	.....	10.00	14.66	.....	14.00	.....	12.88
	{ May, 1940	18.83	.....	11.50	.....	.....	10.66	19.33	15.08
Cottonseed Hulls.....	{ Sept., 1939	9.66	15.00 (sacked)	8.83	9.66	11.00	9.78 (loose)	11.04 (loose)
	{ Jan., 1940	8.00	10.00	15.00 (sacked)	10.00	9.66	17.00 (sacked)	15.66 (sacked)	9.41 (loose)	
	{ May, 1940	.....	12.50	14.00	.....	15.50	13.33	14.33	13.93 (loose)
Alfalfa Hay (baled).....	{ Sept., 1939	17.55	16.33	26.66	19.00	27.00	18.66	19.66	20.69	21.87
	{ Jan., 1940	21.66	25.33	28.33	26.00	.....	24.00	20.33	24.27
	{ May, 1940	20.00	23.33	18.00	.....	24.00	20.00	18.66	20.66
50% Protein Meat and Bone Scraps.....	{ Sept., 1939	79.66	69.00	72.33	71.66	65.00	70.66	71.38	66.98
	{ Jan., 1940	59.33	70.00	74.33	71.00	63.66	71.66	68.33	68.33	
	{ May, 1940	76.33	63.33	57.00	65.33	64.00	53.66	49.00	61.23	

Table 9. Average Retail Prices of Feeds by Districts

Name of Feed	Date	Price Per Ton. District							Average for State	Average for Year
		Amarillo	San Angelo	Houston	Waco	San Antonio	Tyler	Dallas		
		\$	\$	\$	\$	\$	\$	\$	\$	\$
Dried Buttermilk.....	{ Sept., 1939			150.00		146.66	150.00	178.33	156.24	163.86
	{ Jan., 1940	210.00		181.66	213.33	196.66		109.66	182.26	
	{ May, 1940	173.33	160.00	136.66	183.33	176.66	118.33	123.33	153.09	
Dried Skimmed Milk.....	{ Sept., 1939			146.66			150.00	178.33	158.33	142.81
	{ Jan., 1940			181.66				109.66	145.66	
	{ May, 1940			136.66			118.33	118.33	124.44	
Whole Oat Chop.....	{ Sept., 1939	35.00	39.33	35.66	31.66	33.00	30.33	28.33	33.33	33.33
	{ Jan., 1940	35.41	32.00	34.66	31.33	35.00	36.00	29.66	33.43	
	{ May, 1940	39.66	31.33	33.66	28.66	37.66	29.33	32.33	33.23	
Rice Bran.....	{ Sept., 1939			26.66		28.00	26.33		26.99	26.37
	{ Jan., 1940			25.33		25.00	26.66	23.50	25.12	
	{ May, 1940			22.00		27.00		32.00	27.00	
Rice Polishings.....	{ Sept., 1939			36.00		39.00			37.50	34.21
	{ Jan., 1940			31.66		35.00	40.00		35.55	
	{ May, 1940			26.66		32.50			29.58	
60% Protein Digester Tankage.....	{ Sept., 1939	71.33	68.50	70.00	73.33	77.50	71.66	74.33	72.37	68.74
	{ Jan., 1940	66.00	70.00	75.33	71.66	68.00	76.66	66.66	70.61	
	{ May, 1940	71.66		67.66	68.00		50.00	59.00	63.26	
Wheat Bran, with or without Screenings..	{ Sept., 1939	28.66	30.33	28.66	30.33	28.33	27.66	27.33	28.75	27.73
	{ Jan., 1940	27.66	25.66	27.00	27.00	26.33	25.33	25.00	26.28	
	{ May, 1940	30.66	28.33	30.66	29.00	29.00	25.33	24.33	28.18	
Wheat Gray Shorts, with or without Screenings.....	{ Sept., 1939	34.66	35.00	34.33	35.33	33.33	33.00	32.33	33.99	32.56
	{ Jan., 1940	32.33	31.33	31.66	31.66	31.66	30.66	31.00	31.47	
	{ May, 1940	34.00	33.33	29.66	33.33	33.33	31.00	31.00	32.23	

SUGGESTIONS TO PURCHASERS OF FEED

Examine Official Tags.—In purchasing feeding stuffs, always carefully examine the official tags attached and purchase on the official guaranty and actual analysis as indicated in the reports of the Division of Feed Control Service, and disregard statements of salesmen or in advertising matter, if they differ from the official tags.

Goods Not as Represented.—In case any purchaser receives goods which he thinks are not as represented, he may write to the Division of Feed Control Service, giving full details of the matter, stating the quantity on hand and his reasons for suspecting that the feed is not as represented. The Division will investigate the matter carefully and either send an inspector, if conditions justify so doing, or else send instructions for taking a sample of the feed for further examination.

Freight Bills, Invoices, Etc.—It is important that purchasers of feed in car lots should always have available for use of the inspector the following information: the total number of tons in the shipment; number and initials of car in which shipment is received; number and date of waybill; name of railroad issuing waybill; name of town from which shipment was made; name of firm from which feed was purchased; date of original waybill; date shipment was received, and price per ton. This information is especially valuable to the Service in all cases involving the shipment of feed from other States, as it will assist in proving the sale and protecting Texas purchasers under the Federal Law.

Official Tag.—Do not accept any feeding stuff unless Texas tax tags are attached to the sacks, and purchase only those brands which are manufactured by companies whose record of inspection shows that their guaranties are maintained.

DEFINITIONS AND STANDARDS ADOPTED

The Director of the Texas Agricultural Experiment Station is empowered to adopt standards for and definitions of feeding stuffs; therefore, the registration of any feeding stuff may be refused if it does not conform to the standard and definition or if application is made under a name which is misleading as to materials of which it is composed. Registrations continue in force until revision or re-registration may be required, unless cancelled for cause. The following will be considered as sufficient reasons for the cancellation of any registration, after ten days' notice: if a feeding stuff is registered and then discovered to be in violation of the standard and definition adopted; the use of a brand name that is found to be misleading in any respect; the use of a feed ingredient that is found to be injurious; the incorrect labeling of a feed with regard to any ingredient; misbranding or adulteration; notice from the manufacturer that the sale of any given brand has been discontinued, and notice from the manufacturer that he has ceased to do business in Texas.

Table 10 shows the chemical standards now in effect in Texas. If a manufacturer is uncertain as to how a certain brand of feed should be registered, it will be advisable for him to communicate with the Division of Feed Control Service before making application for registration.

Special-Purpose Mixed Feeds

The standards for special-purpose mixed feeds have also been adopted by the Association of Southern Feed Control Officials.

Table 10. Chemical Standards

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
Chopped Alfalfa	13.00	1.50	33.00
Alfalfa Leaf Meal			18.00
Alfalfa Meal	13.00	1.50	33.00
Ground Whole Barley			6.00
Raw Bone Meal	23.00		
Dried Buttermilk		5.00	
Evaporated, Concentrated, Condensed Buttermilk		2.00	
Corn Bran	8.00	5.00	12.00
Corn Chop	9.00	3.50	3.00
Ear Corn Chop	8.20	3.20	8.00
Ear Corn Chop with Husk	8.00	3.00	10.00
Corn Feed Meal	8.00	3.00	3.00
48% Protein Cottonseed Meal and Cake	48.00	7.00	9.00
45% Protein Cottonseed Meal and Cake	45.00	6.00	10.00
43% Protein Cottonseed Meal and Cake	43.00	5.20	12.00
41.12% Protein Cottonseed Feed	41.12	5.00	14.00
38.56% Protein Cottonseed Feed	38.56	5.00	18.00
36% Protein Cottonseed Feed	36.00	5.00	22.00
28% Protein Whole-Pressed Cottonseed	28.00		
25% Protein Whole-Pressed Cottonseed	25.00		
Crab Meal	25.00		
Feterita Chop	11.00	2.80	3.00
Feterita Head Chop	10.00	2.50	8.00
Hominy Feed	10.00	5.00	7.00
Kafir Chop	10.00	2.50	3.00
Kafir Head Chop	8.50	2.50	8.00
Lespedeza Meal			28.00
Meat Meal	65.00		
Milo Chop	10.00	2.50	3.00
Milo Head Chop	8.50	2.50	8.00
Feeding Oat Meal			4.00
48% Protein Peanut Meal and Cake	48.00	7.00	9.00
45% Protein Peanut Meal and Cake	45.00	6.00	10.00
43% Protein Peanut Meal and Cake	43.00	6.00	12.00
36% Protein Whole-Pressed Peanuts	36.00		22.00
34% Protein Whole-Pressed Peanuts	34.00		24.00
Rice Bran	11.00	10.00	15.00
Rice Polishings	11.00	6.00	4.00
Rye Flour Middlings			5.00
Rye Low-Grade Feed Flour			1.50
Wheat Bran	14.50	3.00	10.00
Wheat Brown Shorts	15.00	3.50	7.50
Wheat Chop	12.00	2.00	3.00
Wheat Gray Shorts	15.00	3.50	6.00
Wheat Low-Grade Feed Flour			1.50
Wheat Mixed Feed	15.00	3.50	8.50
Wheat Red Dog			4.00
Wheat White Shorts	14.50	3.00	3.50
Special-Purpose Mixed Feeds			
Horse and Mule Feed	9.00	2.00	15.00
Dairy or Dairy Cow Feed	15.00	3.00	15.00
Complete Hog Feed or Ration	14.00	3.00	8.00
Chick Scratch Feed	9.00	2.00	4.00
Poultry Intermediate Scratch Feed	9.00	2.00	4.50

Table 10. Chemical Standards—Continued

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
Special-Purpose Mixed Feeds—Continued			
Poultry Scratch Feed.....	9.00	2.00	5.00
Poultry All-Mash Broiler Ration.....	17.00	3.50	8.00
Chick Starting Mash.....	17.00	3.50	7.00
All-Mash Starting Ration.....	15.00	3.50	7.00
Growing Mash.....	15.00	3.50	8.00
All-Mash Growing Ration.....	15.00	3.50	7.00
Starting and Growing Mash.....	17.00	3.50	7.00
All-Mash Starting and Growing Ration.....	15.00	3.50	7.00
Laying or Egg Mash.....	18.00	3.50	8.00
All-Mash Laying Ration.....	15.00	3.50	8.00
All-Mash Poultry Ration.....	15.00	3.50	7.00
Poultry Fattening Mash.....	13.00	3.50	8.00
Turkey Starting Mash.....	18.00	3.50	8.00
Turkey Growing Mash.....	17.00	3.50	8.00
Turkey Starting and Growing Mash.....	18.00	3.50	8.00
Turkey Laying Mash.....	18.00	3.50	8.00
Turkey All-Mash Laying Ration.....	15.00	3.50	8.00

DEFINITIONS OF AND STANDARDS FOR COMMERCIAL UNMIXED FEEDS

Many of the definitions adopted by the Association of American Feed Control Officials, Inc., are followed closely and the names and standards are required to be in conformity with these definitions. The date in parenthesis, such as (Adopted 1928.), gives the date of official adoption by the Association of American Feed Control Officials, Inc. In addition to these definitions, the following, some of which apply especially to Texas conditions, include standards and definitions formulated by the Division of Feed Control Service from the most reliable data available.

Alfalfa Products

Alfalfa Meal is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw, or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds. (Adopted 1928.) Standard: It must contain not less than 13 per cent of crude protein and 1.5 per cent of crude fat, and not more than 33 per cent of crude fiber.

Chopped or Cut Alfalfa is the entire alfalfa hay, chopped or cut and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material. (Adopted prior to 1928—Amended 1937.) Standard: It must contain not less than 13 per cent of crude protein and 1.5 per cent of crude fat, and not more than 33 per cent of crude fiber.

Alfalfa Leaf Meal is the ground product consisting chiefly of leafy materials separated from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds, and must not contain more than 18 per cent of crude fiber. (Adopted 1928—Amended 1938.)

Alfalfa Stem Meal is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds. (Adopted 1928.)

Animal Products

Blood Meal is ground, dried blood. (Adopted 1926.)

Blood Flour is dried blood, prepared by special processes and reduced to a fine powder. (Adopted prior to 1928.)

Digester Tankage, Meat Meal Tankage, or Feeding Tankage is the residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry-rendering or a mixture of the products made suitable by drying and grinding. It must not contain more than 4.4 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition or origin, the material must correspond thereto. (Adopted 1928—Amended 1933, 1936, 1938.)

Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone is the residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry-rendering or a mixture of the products made suitable by drying and grinding, and containing more than 4.4 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition or origin, it must correspond thereto. (Adopted 1928—Amended 1933, 1936, 1938.)

Meat is the clean, wholesome flesh derived from slaughtered mammals and is limited to that part of the striate muscle which is skeletal or that which is found in the tongue, in the diaphragm, in the heart, or in the esophagus, and does not include that found in the lips, in the snout, or in the ears; with or without the accompanying and overlying fat and the portions of skin, sinew, nerve, and blood vessels which normally accompany the flesh. If it bears a name descriptive of its kind it must correspond thereto.

The term "meat" when applied to the corresponding portions of animals other than cattle, swine, sheep, and goats shall be used in qualified form, as, for example, "horse meat," "reindeer meat," "crab meat," etc. (Adopted 1938—Amended 1939.)

Meat By-Products consist of any non-rendered, clean, wholesome part of the carcass of slaughtered mammals other than meat, such as lungs, spleens, kidneys, brains, stomach and intestines free from their contents; it does not include skin, horns, teeth, hoofs, and bones. If it bears a name descriptive of its kind it must correspond thereto.

The term "meat by-products" when applied to the corresponding portions of animals other than cattle, swine, sheep, and goats shall be used

in qualified form, as, for example, "horse meat by-products," "reindeer meat by-products," "crab meat by-products," etc. (Adopted 1938—Amended 1939.)

Meat Meal is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice. It must contain not less than 65 per cent of protein and not more than 3 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition, or origin, it must correspond thereto. (Adopted 1939.)

Meat Scraps is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 4.4 per cent of phosphorus (P), it shall be designated _____ Per Cent Protein Meat and Bone Scraps. If it bears a name descriptive of its kind, composition or origin it must correspond thereto. (Adopted 1928—Amended 1936, 1938.)

Raw Bone Meal is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein. (Adopted 1929.)

Steamed Bone Meal is the dried, ground product suitable for animal feeding, obtained by cooking bones with steam under pressure. (Adopted 1929.)

Special Steamed Bone Meal is the dried, ground product suitable for animal feeding, obtained by cooking dried bone after the removal of grease and meat fibre with steam under pressure in the process of obtaining gelatine or glue. (Adopted 1929.)

Bone Charcoal or Bone Black is the product obtained by charring bones in closed retorts. It shall contain not less than 14.7 per cent of phosphorus (P). (Adopted 1938.)

Spent Bone Black is the product resulting from the repeated charring of bone charcoal or bone black after use in clarifying sugar solutions. It shall contain not less than 11.5 per cent of phosphorus (P). (Adopted 1938.)

Barley Products

Barley Hulls is the product consisting of the outer coverings of the barley. (Adopted prior to 1928.)

Barley Feed is the entire by-product resulting from the manufacture of pearl barley from clean barley. (Adopted prior to 1928.)

Barley Mixed Feed is the entire offal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings. (Adopted prior to 1928.)

Ground Barley is the entire product obtained by grinding clean, sound barley, containing not less than 90 per cent of pure barley and not more than 10 per cent of other grains, weed seeds, and other foreign material, and not more than 6 per cent of crude fiber; provided that no portion of this stated 10 per cent of other grains, weed seeds, or other foreign material shall be intentionally added. (Adopted prior to 1928.)

Mixed Feed Barley is the entire product obtained by grinding country-run barley containing not less than 75 per cent of pure barley and not more than 25 per cent of other grains, weed seeds, and other foreign material; provided that no portion of this stated 25 per cent of other grains, weed seeds, or foreign material shall be intentionally added. The ingredients must be stated as barley, other grains, weed seeds, and other foreign material. (Adopted prior to 1928.)

Brewers' and Distillers' Products

Brewers' Dried Grains is the dried extracted residue of barley malt alone or in mixture with other cereal grain or grain products resulting from the manufacture of wort. (Adopted 1936.)

Corn Distillers' Dried Grains is the dried residue obtained in the manufacture of alcohol and distilled liquors from corn or a grain mixture in which corn predominates. (Adopted 1937.)

Rye Distillers' Dried Grains is the dried residue obtained in the manufacture of alcohol and distilled liquors from rye or a grain mixture in which rye predominates. (Adopted 1937.)

Distillers' Corn Solubles is a by-product from the manufacture of alcohol from corn solids obtained by the evaporation of the mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

Distillers' Rye Solubles is a by-product from the manufacture of alcohol from rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

Distillers' Corn and Rye Solubles is a by-product from the manufacture of alcohol from corn and rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

Malt Sprouts are the sprouts of the barley grain obtained from malted barley. Sprouts derived from any other malted cereal must be designated by the name of that cereal. (Adopted prior to 1928.)

Yeast Dried Grains or Vinegar Dried Grains is the properly dried residue from the mixture of cereals, malt, and malt sprouts (sometimes cottonseed meal), obtained in the manufacture of yeast or vinegar, and consists of corn or corn and rye, from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added

during the manufacturing process to aid in filtering the residue from the wort and to serve as a source of food supply for the yeast. (Adopted prior to 1928.)

Corn Products

Corn Meal is finely ground, unbolted corn. (Adopted prior to 1928.)

Corn Bran is the outer coating of the corn kernel, with little or none of the starchy part or germ. (Adopted 1931.) Standard: It must contain not less than 8 per cent of crude protein and 5 per cent of crude fat, and not more than 12 per cent of crude fiber.

Corn Feed Meal is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn, or screened cracked corn, with or without its aspiration products added. (Adopted 1931.) Standard: It must contain not less than 8 per cent of crude protein and 3 per cent of crude fat, and not more than 3 per cent of crude fiber.

Corn Chop, Ground Corn, or Cracked Corn is the entire product made by grinding, cutting, or chopping the grains of sound Indian corn, and may be fine, medium, or coarse, and must not contain more than 4 per cent of foreign material. (Adopted 1931.) Standard: It must contain not less than 9 per cent of crude protein and 3.5 per cent of crude fat, and not more than 3 per cent of crude fiber.

Screened Corn Chop, Screened Ground Corn, or Screened Cracked Corn is the coarse portion of corn chop, ground corn or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material. (Adopted 1931.)

Corn Grits, or Hominy Grits is the product consisting of the fine or medium-sized, hard flinty portions of sound Indian corn containing little or none of the bran or germ. (Adopted 1931.)

Ear Corn Chop is corn and cob chopped, without the husk, with no greater proportion of cob than occurs in the ear corn in its natural state. (Adopted prior to 1928.) Standard: It must contain not less than 8.20 per cent of crude protein and 3.20 per cent of crude fat, and not more than 8 per cent of crude fiber.

Ear Corn Chop with Husk is corn, corn cob, and corn husk, chopped, with no greater proportion of cob and husk than occurs in the snapped corn in its natural state.

Corn Gluten Feed is that part of commercial shelled corn that remains after the extraction of the larger part of the starch and germ by the process employed in the wet-milling manufacture of corn starch or syrup. It may or may not contain one or more of the following: corn solubles, corn oil meal. (Adopted 1936.)

Corn Gluten Meal is that part of commercial shelled corn that remains after the extraction of the larger part of the starch and germ, and the

separation of the bran by the process employed in the wet-milling manufacture of corn starch or syrup. It may or may not contain one or more of the following: corn solubles, corn oil meal. (Adopted 1936.)

Maltose Process Corn Gluten Feed is the dried residue from degermed corn, after removal of the starch in the manufacture of malt syrup. (Adopted prior to 1928.)

Hominy Feed is a mixture of corn bran, corn germ, and a part of the starchy portion of either white or yellow corn kernels or mixture thereof as produced in the manufacture of pearl hominy, hominy grits or table meal, and shall contain not less than 5 per cent of crude fat. If prefixed with the words "white" or "yellow," the product must correspond thereto. (Adopted 1935.) Standard: It must contain not less than 10 per cent of crude protein and 5 per cent of crude fat, and not more than 7 per cent of crude fiber.

Corn Oil Cake consists of the corn germ from which part of the oil has been pressed and is the product obtained in the wet-milling process of manufacture of corn starch, corn syrup, and other corn products. (Adopted prior to 1928.)

Corn Oil Meal is ground corn oil cake. (Adopted prior to 1928.)

Corn Germ Cake consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry-milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products. (Adopted prior to 1928.)

Corn Germ Meal is ground corn germ cake. (Adopted prior to 1928.)

Corn Screenings is the product consisting of the small light grains of corn, parts of grains of corn or other cereals, and other materials having feeding value, separately or together, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials. (Adopted 1931.)

Cottonseed Products

Cottonseed Meal is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does not conform to the foregoing definition and that does not contain at least 43 per cent of protein. Cottonseed meal shall be graded and classed as follows:

48 Per Cent Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 48 per cent of crude protein and not less than 55 per cent of crude protein and crude fat combined, and not more than 9 per cent of crude fiber.

45 Per Cent Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess

of lint. Standard: It must contain not less than 45 per cent of crude protein and not less than 51 per cent of crude protein and crude fat combined, and not more than 10 per cent of crude fiber.

43 Per Cent Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 43 per cent of crude protein and not less than 48.20 per cent of crude protein and crude fat combined, and not more than 12 per cent of crude fiber.

Cottonseed Meal, Off Quality. Cottonseed meal not fulfilling the above requirements as to color, odor, or texture shall be branded "Off Quality," that is, "43 Per Cent Protein Cottonseed Meal, Off Quality." Higher grades shall be similarly designated.

Cottonseed Cake is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed cake that does not conform to the following definitions and that does not contain at least 43 per cent of protein. Cottonseed cake shall be graded and classed as follows:

_____ **Per Cent Protein Cottonseed Cake, Prime Quality**. Cottonseed cake, prime quality, must be firm, but not flinty in texture, of sweet odor, free of mold, and when ground into meal, must produce cottonseed meal, prime quality. It shall contain not less than 43 per cent of crude protein. It must be designated and sold according to its protein content. Cottonseed cake with 43 per cent of crude protein must be termed "43 Per Cent Protein Cottonseed Cake, Prime Quality," and higher grades similarly designated.

_____ **Per Cent Protein Cottonseed Cake, Off Quality**. Cottonseed cake not fulfilling the above requirement as to color, odor, and texture must be labeled "43 Per Cent Protein Cottonseed Cake, Off Quality," and higher grades similarly designated.

_____ **Per Cent Protein Nut-Size Cottonseed Cake, _____ Quality**. Nut-size cottonseed cake shall be a product which will pass through 1½-inch round perforation and over ⅞-inch round perforation. It shall be free from meal, pea-size and pebble-size cake and shall not contain in excess of 10 per cent of sheep-size cake. (Adopted 1937.)

_____ **Per Cent Protein Sheep-Size Cottonseed Cake, _____ Quality**. Sheep-size cottonseed cake shall be a product which will pass through ⅞-inch round perforation and over ⅝-inch round perforation. It shall be free from meal and pebble-size cake and shall not contain in excess of a total of 10 per cent of nut-size and pea-size cake. (Adopted 1937.)

_____ **Per Cent Protein Pea-Size Cottonseed Cake, _____ Quality**. Pea-size cottonseed cake shall be a product which will pass through ⅝-inch round

perforation and over $\frac{3}{8}$ -inch round perforation. It shall be free from meal and nut-size cake and shall not contain in excess of 10 per cent of sheep-size and pebble-size cake. (Adopted 1937.)

----- **Per Cent Protein Pebble-Size Cottonseed Cake, ----- Quality.** Pebble-size cottonseed cake shall be a product consisting of fine particles and small pieces of cottonseed cake capable of passing through a $\frac{3}{8}$ -inch round perforation. (Adopted 1937.)

----- **Per Cent Protein Cottonseed Cubes or Pellets, Prime Quality.** Cottonseed cubes or pellets, prime quality, processed through a cubing or pelleting machine, must be firm, but not flinty, of sweet odor, free of mold, and when ground into meal, must produce cottonseed meal, prime quality. It shall contain not less than 43 per cent of crude protein. It must be designated and sold according to its protein content.

Cottonseed Cake, Cubes and Pellets shall correspond to cottonseed meal as to composition and as to standards and classifications.

Munsell Color Standard for Cottonseed Cake and Meal, Prime Quality. Whenever in the definitions reference is made to color of cottonseed cake or cottonseed meal, prime quality, 41 per cent or higher protein cottonseed cake or cottonseed meal shall not be darker in color than Munsell Color Standard "1½ yellow, 5/5," and 36 per cent protein cottonseed cake or cottonseed meal, prime quality, shall not be darker in color than Munsell Color Standard "10 yellow—red 5/5." (Adopted 1938.)

41.12 Per Cent Protein Ground Cottonseed Feed must be reasonably bright in color, sweet in odor, and must contain not more than 5 per cent of delinted cottonseed hulls. Standard: It must contain not less than 41.12 per cent of crude protein and not less than 46.12 per cent of crude protein and crude fat combined, and not more than 14 per cent of crude fiber.

38.56 Per Cent Protein Ground Cottonseed Feed must be reasonably bright in color, sweet in odor, and must contain not more than 12 per cent of delinted cottonseed hulls. Standard: It must contain not less than 38.56 per cent of crude protein and not less than 43.56 per cent of crude protein and crude fat combined, and not more than 18 per cent of crude fiber.

36 Per Cent Protein Ground Cottonseed Feed must be reasonably bright in color, sweet in odor, and must contain not more than 17.50 per cent of delinted cottonseed hulls. Standard: It must contain not less than 36 per cent of crude protein and not less than 41 per cent of crude protein and crude fat combined, and not more than 22 per cent of crude fiber.

Cracked Cottonseed Feed shall correspond to ground cottonseed feed as to composition and as to standards and classifications.

The percentage of cottonseed hulls contained in cottonseed feed must be shown on the tags in order that this product may not be considered adulterated.

28 Per Cent Protein Whole-Pressed Cottonseed, Prime Quality, is the product resulting from subjecting the whole, sound, mature, clean, undecorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed, less the oil extracted and the lint removed. Standard: It must contain not less than 28 per cent of crude protein.

25 Per Cent Protein Whole-Pressed Cottonseed, Prime Quality, is the product resulting from subjecting the whole, sound, mature, clean, undecorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed, less the oil extracted and the lint removed. Standard: It must contain not less than 25 per cent of crude protein.

Ground Whole-Pressed Cottonseed is whole-pressed cottonseed, ground. It must correspond to whole-pressed cottonseed as to composition and as to standards and classifications.

Feterita Products

Feterita Chop consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 11 per cent of protein, 2.80 per cent of fat, and not more than 3 per cent of crude fiber.

Feterita Head Chop consists of the entire head, chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

Feterita Head Stems consists of the head of feterita from which the grain has been removed.

Kafir Products

Kafir Chop consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 3 per cent of crude fiber.

Kafir Head Chop consists of the entire head, chopped. Standard: It must contain not less than 8.50 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

Kafir Head Stems consists of the head of kafir from which the grain has been removed.

Lespedeza Products

Lespedeza Meal is the product obtained from the grinding of the entire lespedeza hay, without the addition of any lespedeza stems, lespedeza straw, or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 28 per cent of crude fiber. (Adopted 1938.)

Lespedeza Stem Meal is the ground product remaining after the separation of the leafy material from lespedeza hay or meal. It must be reasonably free from other crop plants and weeds. (Adopted 1938.)

Lespedeza Straw Meal is the ground product remaining after the separation of the seed from lespedeza. It must be reasonably free from other crop plants and weeds. (Adopted 1938.)

Linseed and Flax Products

_____ **Per Cent Protein Linseed Cake** or _____ **Per Cent Protein Linseed Meal** is the product obtained in the removal of the oil from flaxseed; provided that the final product contains less than 6 per cent of weed seeds and other foreign materials; and provided, further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added. It shall not contain more than 0.5 per cent of acid insoluble ash. (Adopted 1933.)

_____ **Per Cent Protein Old Process Oil Meal** or _____ **Per Cent Protein Old Process Linseed Meal** is oil meal as defined below, produced by crushing, cooking, and hydraulic pressure. (Adopted prior to 1928.)

_____ **Per Cent Protein New Process Oil Meal** or _____ **Per Cent Protein New Process Linseed Meal** is oil meal as defined below, produced by crushing, heating, and the use of solvents. (Adopted prior to 1928.)

Flax Plant By-Product is that portion of the flax plant remaining after the separation of the seed, the bast fiber, and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem. (Adopted prior to 1928.)

Ground Flaxseed or **Flaxseed Meal** is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; the final product must contain less than 4 per cent of weed seeds and other foreign materials, and no portion of the stated 4 per cent of weed seeds and other foreign materials shall be intentionally added. (Adopted prior to 1928.)

Unscreened Flaxseed Oil Feed Cake is the product obtained by extraction of part of the oil from unscreened flaxseed by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents. The ingredients must be stated as "partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)." (Adopted prior to 1928.)

Ground Unscreened Flaxseed Oil Feed is the ground unscreened flaxseed oil feed cake. (Adopted prior to 1928.)

Screenings Oil Feed is the ground product obtained after extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents from the smaller imperfect flaxseed, weed seeds, and other foreign materials having feeding value, separated in cleaning flaxseed. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed." (Adopted prior to 1928.)

_____ **Per Cent Protein Oil Cake** is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents, from flaxseed which have been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other product the name of the seed from which it is obtained must be prefixed to the words "Oil Cake." (Adopted prior to 1928.)

_____ **Per Cent Protein Oil Meal** or _____ **Per Cent Protein Ground Oil Cake** is oil cake ground to a meal. (Adopted prior to 1928.)

_____ **Per Cent Protein Linseed Feed** is a mixture of linseed meal with screenings oil feed, or other flaxseed by-products, or both. (Adopted 1937.)

Marine Products

Fish Meal is clean, dried, ground tissues of undecomposed whole fish or fish cuttings, either or both, with or without the extraction of part of the oil, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Fish Residue Meal is the clean, dried, undecomposed residue from the manufacture of glue from non-oily fish, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Crab Meal is prepared from the undecomposed dried waste of the crab industry and contains the shell, viscera, and part or all of the flesh. It contains not less than 25 per cent of protein and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Shrimp Meal is prepared from the undecomposed dried waste of the shrimp industry and contains the head, hull, or the whole shrimp, either or in mixture, and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Whale Meal is prepared from the clean, dried, undecomposed flesh of the whale, after part of the oil has been extracted. It contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of

salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Cod Liver Oil is the oil obtained from the livers of gadus morrhuae or other species of the family gadidae, either or both. It must contain not less than 600 U. S. P. units of vitamin A and not less than 85 Association of Official Agricultural Chemists' chick units of vitamin D per gram. (Adopted 1937.)

(Note)—Effective July 1, 1940 the minimum of 600 U. S. P. units of vitamin A per gram is raised to 850 U. S. P. units of vitamin A per gram. This change is made in order to conform with the new U. S. P. definition to be effective on this date. (Amendment adopted 1939.)

Sardine Oil or **Pilchard Oil** is the product obtained by extraction of part of the oil from the whole Pacific sardine or pilchard or from cannery refuse of this species of fish. (Adopted 1932.)

Salmon Oil is the product obtained by extraction of part of the oil from the cannery refuse of salmon. (Adopted 1932.)

Tuna Oil is the product obtained by extraction of part of the oil from the cannery refuse of tuna. (Adopted 1932.)

Menhaden Oil is the product obtained by extraction of part of the oil from whole menhaden. (Adopted 1932.)

Herring Oil is the product obtained by extraction of part of the oil from the whole herring or part of the herring. (Adopted 1933.)

Salmon Liver Oil is the product obtained by extraction of part of the oil from salmon livers. (Adopted 1933.)

Stearine is the solid material obtained by filtration from an animal or vegetable oil after chilling or freezing in the process of refining. When this product is sold as a feed, the term shall be prefixed by the name of the oil from which it is obtained. (Adopted 1934.)

Milk Products

Evaporated Buttermilk, Concentrated Buttermilk, or Condensed Buttermilk is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than .14 per cent of ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given. (Adopted prior to 1928.)

Dried Skimmed Milk is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent of moisture. (Adopted 1930.)

Condensed Skimmed Milk is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent of total solids. (Adopted 1930.)

Dried Buttermilk is the product resulting from the removal of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added, excepting such as are necessary and permitted in the manufacture of butter. It contains not more than 8 per cent of moisture, not more than 13 per cent of mineral matter (ash), and not less than 5 per cent of butterfat, as determined by the Roes-Gottlieb method. (Adopted 1932.)

Dried Soured Skimmed Milk is the product resulting from the removal of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not more than 8 per cent of moisture. (Adopted 1932.)

Evaporated Soured Skimmed Milk, Concentrated Soured Skimmed Milk, or Condensed Soured Skimmed Milk is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not less than 27 per cent of total solids. (Adopted 1932.)

Dried Whey is the by-product from the manufacture of cheese or casein, either or both. This product shall contain at least 65 per cent of lactose (milk sugar). (Adopted 1934.)

Cheese Rind is cooked, partially defatted cheese rind. (Adopted 1935.)

Milo Products

Milo Chop consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 3 per cent of crude fiber.

Milo Head Chop consists of the entire head, chopped. Standard: It must contain not less than 8.50 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

Milo Head Stems consists of the head of the milo from which the grain has been removed.

Oat Products

Oat Hulls is the product consisting of the outer covering of the oat. (Adopted prior to 1928.)

Oat Middlings is the product consisting of the floury portions of the oat groat obtained in the milling of rolled oats. (Adopted prior to 1928.)

Oat Shorts is the product consisting of the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats. (Adopted prior to 1928.)

Clipped Oat By-Product is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats, and dust. It must not contain an excessive amount of oat hulls. (Adopted prior to 1928.)

Oat Chop, Ground Oats, Pulverized Oats, Crushed Oats, or Crimped Oats consists of the entire product made by chopping, cutting, grinding, crushing, or crimping whole oats. (Adopted 1931.)

Oat Groats are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal. (Adopted 1931.)

Hulled Oats or Undried Oat Groats are the kernels produced from the undried grain in the process of hulling oats. (Adopted 1931.)

Oat Mill Feed (Oat Hulls, Oat Shorts, and Oat Middlings) is the entire by-product produced in the manufacture of oat groats and consists of oat hulls, oat shorts, and oat middlings. If used in a mixed feed, it shall be called Oat Mill Feed (Oat Hulls, Oat Shorts, and Oat Middlings). (Adopted 1932.)

Feeding Oat Meal is a product obtained in the manufacture of rolled oat groats or rolled oats and consists of broken rolled oat groats, oat groat chips, and floury portions of the oat groats, with only such quantity of finely ground oat hulls as is unavoidable in the usual process of commercial milling. It must not contain more than 4 per cent of crude fiber. (Adopted 1938.)

Cut Oat Groats, Cracked Oat Groats, or Ground Oat Groats is the product produced by cutting, cracking, or grinding oat groats. (Adopted 1938.)

Peanut Products*

48 Per Cent Protein Peanut Meal is the product from the kernels of sound peanuts, free from excess of hulls and other foreign materials. Standard: It must be finely ground and of sweet odor, and must contain not less than 48 per cent of protein, not less than 7 per cent of fat, and not more than 9 per cent of crude fiber.

45 Per Cent Protein Peanut Meal is the product from the kernels of sound peanuts, free from excess of hulls and other foreign materials.

*Definitions not adopted by the Association of American Feed Control Officials, Inc.

Standard: It must be of sweet odor, and contain not less than 45 per cent of protein, not less than 6 per cent of fat, and not more than 10 per cent of crude fiber.

43 Per Cent Protein Peanut Meal is the product from the kernels of sound peanuts, reasonably free from excess of hulls and other foreign materials. Standard: It must be of sweet odor, and contain not less than 43 per cent of protein, not less than 6 per cent of fat, and not more than 12 per cent of crude fiber.

Peanut Cake shall correspond to peanut meal as to composition and as to standards and classifications.

36 Per Cent Protein Whole-Pressed Peanuts is the product resulting from subjecting the whole, sound, mature, clean peanuts, free from sticks, stems, and dirt, to pressure for the extraction of oil, and includes the entire peanut less the oil extracted. Standard: It must contain not less than 36 per cent of protein and not more than 22 per cent of crude fiber.

34 Per Cent Protein Whole-Pressed Peanuts is the product resulting from subjecting the whole, sound, mature, clean peanuts, reasonably free from sticks and stems, to pressure for the extraction of oil, and includes the entire peanut less the oil extracted. Standard: It must contain not less than 34 per cent of protein and not more than 24 per cent of crude fiber.

Ground Whole-Pressed Peanuts shall correspond to whole-pressed peanuts as to composition and as to standards and classifications.

Rice Products

Rice Bran is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice. (Adopted prior to 1928.) Standard: It must contain not less than 11 per cent of crude protein and 10 per cent of crude fat, and not more than 15 per cent of crude fiber.

Rice Polishings is a by-product of rice obtained in the milling operation of brushing the grain to polish the kernel. (Adopted 1938.) Standard: It must contain not less than 11 per cent of crude protein and 6 per cent of crude fat, and not more than 4 per cent of crude fiber.

Rice Hulls is the product consisting of the outer coverings of the rice. (Adopted prior to 1928.)

Rice Meal is ground brown rice or ground rice after the hull has been removed. (Adopted prior to 1928.)

Ground Rough Rice is ground rice from which the hull has not been removed or ground paddy rice. (Adopted prior to 1928.)

Rice Stone Bran is the siftings from the material secured in removing hulls from rice and contains rice germs, broken rice, and some rice hulls. (Adopted prior to 1928.)

Rice Huller Bran is a product secured by the huller and cones from brown rice and consists mostly of the bran and germs. (Adopted prior to 1928.)

Screenings

Screenings consist of a mixture of mill or elevator run materials or a combination of varying amounts of materials obtained in the process of cleaning grain or seed, either or both, such as inferior, light, or broken grain or seed, weed seeds, hulls, chaff, joints, straw, elevator dust, floor sweepings. They must be relatively free of unpalatable or injurious weed seeds, sand, and dirt. They must not contain more than 14 per cent of fiber or more than 6.5 per cent of ash. If they bear a name descriptive of their kind or origin, they must correspond thereto. (Adopted 1935.)

Screenings—Grain consist of inferior, light, or broken grain or seed obtained in the process of cleaning grain or seed or recleaning screenings, either or both. They must be relatively free of weed seeds, chaff, straw, hulls, joints, sand, and dirt, and other foreign materials. If they bear a name descriptive of their kind or origin, they must correspond thereto. (Adopted 1935.)

Screenings Waste or **Screenings Refuse** is a mixture of materials or a combination of varying amounts of materials obtained in the process of cleaning grain or seed, either or both, or recleaning screenings, such as weed seeds which may be unpalatable or injurious, chaff, hulls, straw, sticks, joints, elevator dust, floor sweepings, sand, and dirt. (Adopted 1935.)

Scourings consist of such portions of the cuticle, brush, white caps, dust, smut, and other materials as are separated from the grain in the usual commercial process of scouring. (Adopted prior to 1928.)

NOTE—If to any of the wheat by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word “Screenings,” or “Scourings,” as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word “Screenings” appears it is not necessary to show also on the labeling the word “Scourings.” (Adopted prior to 1928.)

The crude fiber standards as shown in the definitions for wheat products apply also if screenings are added. (Adopted 1937.)

Sorghum Products

Head Chop is the product consisting of the entire heads of the grain sorghums, chopped, and should bear the name of the sorghum from which it is made. This includes, among others, kafir head chop, milo head chop, feterita head chop, and sorghum head chop. (Adopted prior to 1928.) (See Table 10 for standards.)

Head Stems is the product consisting of the stems from the heads of the grain sorghums after the grain has been removed, and should bear the name of the sorghum from which it is made. (Adopted prior to 1928.)

Soybean Products

Ground Soybeans is the product obtained by grinding whole soybeans without cooking or removing any of the oil. (Adopted 1933.)

..... **Per Cent Protein Soybean Oil Cake** or **Per Cent Protein Soybean Oil Chips** is the product after the extraction of part of the oil by pressure or solvents from soybeans. If a name descriptive of the process of manufacture such as expeller, hydraulic, or solvent extracted, be used, the product must correspond thereto. (Adopted 1937.)

..... **Per Cent Protein Soybean Oil Meal** is ground soybean oil cake or ground soybean oil chips. If a name descriptive of the process of manufacture, such as expeller, hydraulic, or solvent extracted, be used, the product must correspond thereto. (Adopted 1939.)

Wheat Products

Wheat Bran is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling. (Adopted prior to 1928.) Standard: It must contain not less than 14.50 per cent of crude protein and 3 per cent of crude fat, and not more than 10 per cent of crude fiber.

Wheat Red Dog is a by-product obtained in the usual commercial process of flour milling, consisting principally of aleurone with small quantities of wheat flour and fine wheat bran particles and must not contain more than 4 per cent of crude fiber. (Adopted prior to 1928.)

Wheat Brown Shorts consists mostly of the fine particles of wheat bran, wheat germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling. (Adopted prior to 1928.) Standard: It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 7.5 per cent of crude fiber.

Wheat Gray Shorts (Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal, or

fibrous material obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling. (Adopted prior to 1928.) Standard: It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 6 per cent of crude fiber.

Wheat White Shorts consists of a small portion of the fine wheat bran particles and the wheat germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling. (Adopted prior to 1928.) Standard: It must contain not less than 14.5 per cent of crude protein and 3 per cent of crude fat, and not more than 3.5 per cent of crude fiber.

Wheat Mixed Feed consists of wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. (Adopted prior to 1928.) Standard: It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 8.5 per cent of crude fiber.

Wheat Low-Grade Feed Flour is a by-product obtained in the usual commercial process of flour milling, consisting principally of wheat flour with small quantities of aleurone and fine wheat bran particles and must not contain more than 1.5 per cent of crude fiber. (Adopted prior to 1928.)

Wheat Chop is the entire berry of sound wheat, chopped. Standard: It must contain not less than 12 per cent of crude protein and 2 per cent of crude fat, and not more than 3 per cent of crude fiber.

Yeast

Yeast is a product composed of living or dead cells of *saccharomyces cerevisiae* with impurities not exceeding commercial grade; it shall contain at least 45 per cent of protein on the moisture-free basis. (Adopted 1938.)

Irradiated Yeast is yeast which has been subjected to ultra-violet rays in order to increase its antirachitic potency; it shall contain at least 45 per cent of protein on the moisture-free basis. (Adopted 1938.)

(NOTE)—If yeast or irradiated yeast consists of bakers' type yeast, the term "bakers' type" shall precede the word yeast; if it consists of brewers' type yeast, the term "brewers' type" shall precede the word yeast.

Miscellaneous Products

Palm Kernel Oil Meal is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis melanococca*. (Adopted prior to 1928.)

Ground Velvet Bean and Pod is the product derived by grinding velvet beans with the pod. It contains no additional pods or other materials. (Adopted prior to 1928.)

Velvet Bean Meal is ground velvet beans containing only an unavoidable trace of hulls or pods. (Adopted prior to 1928.)

_____ **Per Cent Protein Coconut Oil Meal** or _____ **Per Cent Protein Copra Oil Meal** is the ground residue from the extraction of part of the oil from the dried meat of the coconut. (Adopted prior to 1928.)

Ivory Nut Meal is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut. (Adopted prior to 1928.)

Processed Garbage is composed of dried animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in and separated from materials such as crockery and glass. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife-like or needle-like particles, and the maximum percentage of glass should be stated on the label when present in excess of one-fifth of one per cent. (Adopted prior to 1928.)

Chop is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals. (Adopted prior to 1928.)

Dried Beet Pulp is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves, and sand, and which have been extracted in the process of manufacturing sugar. (Adopted prior to 1928.)

Iodized Salt is common salt (NaCl) containing not less than 0.015 per cent of iodine, uniformly distributed. (Adopted 1937.)

Dried Citrus Pulp is the peel, pulp, rag, some seed, and occasional cull fruit of citrus fruit which has been ground, filter-pressed, and dried. It may or may not be partially neutralized with lime, the finished product to contain not more than 0.5 per cent of calcium (Ca). If it bears a name descriptive of the source, it must conform thereto. (Adopted 1939.)

TENTATIVE DEFINITIONS

These definitions have received favorable consideration, but are not official. They are subject to revision before final adoption.

T-1. Vitamin A and D Feeding Oil is either fish or fish liver oil or a blend of two or more of the following: vitamin A and/or D concentrate, synthetic vitamin D, fish liver oil, fish oil, or edible vegetable oil. The vitamin potency shall be stated in A. O. A. C. units of vitamin D and U. S. P. units of vitamin A per gram. (Proposed 1939.)

(NOTE)—This is an emergency definition and can be used only for the calendar year 1940.

T-2. Alfalfa Products. The word "dehydrated" may precede either of the four official definitions for alfalfa products providing the product has been artificially dried. (Proposed 1938.)

T-3. Dried Sugar Cane Pith is the dry, pithy portion of sugar cane after the removal of most of the juice and coarse outer fibre. It must not contain more than 42 per cent of crude fibre.

This product is recognized only as an absorbent and carrier of molasses. (Proposed 1938.)

T-4. Feeding Beet Molasses is a by-product of the manufacture of beet sugar from sugar beet and should contain 48% or more of total sugars, expressed as invert sugar, and not more than 27% of moisture. (Proposed 1935—Amended 1936, 1937.)

T-5. Feeding Cane Molasses is a by-product of the manufacture of cane sugar from cane and shall contain 48 per cent or more of total sugars expressed as invert sugar. Its solution in an equal weight of water shall test not less than 39.75 degrees Brix. (Proposed 1935—Amended 1936, 1937, and 1939.)

T-6. Feeding Corn Sugar Molasses is the final molasses obtained from the manufacture of corn sugar and separated either by hydraulic pressure or centrifugal action. It should contain at least 51% of sugar as dextrose and total carbohydrates of at least 72%. (Proposed 1935—Amended 1936, 1937.)

T-7. Sweet Potato Pulp is the dried residue remaining as a by-product in the process of separation of the starch in its manufacture from sweet potatoes. (Proposed 1938.)

T-8. Fortified Cod Liver Oil is a product consisting chiefly of cod liver oil mixed with other suitable fish oils or fish oil concentrates or vitamin D, so as to contain not less than 400 A. O. A. C. chick units of vitamin D per gram and shall be labeled with the minimum guarantee in U. S. P. units of vitamin A per gram. If any other oil is so fortified it shall bear a name descriptive of its origin (as Fortified Sardine Oil or Fortified Pilchard Oil, etc.). (Amended 1938.)

T-9. Oat Flour is the product produced by bolting ground oat groats. (Proposed 1938.)

T-10. Peanut Oil Cake is the product after the extraction of part of the oil by pressure or solvents from peanut kernels as produced under reasonable milling conditions. (Proposed 1939.)

T-11. _____ Per Cent Protein Peanut Oil Meal is ground peanut oil cake. It must be designated and sold according to its protein content. (Proposed 1939.)

MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients require, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

In mineral feeds for which no nutritional properties other than those of a mineral nature are claimed, the usual chemical guaranties need not be declared. A declaration should be made of each ingredient contained therein and the minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present.

The mineral ingredients should be stated in the common English terms, if any such terms exist.

RECOGNIZED ENGLISH NAME AND ENGLISH SYNONYM, IF ANY	ARTICLE OR SUBSTANCE INDICATED BY THE NAME AND SYNONYM
Capsicum; Red Pepper	The dried, ripe fruit of any species of Capsicum.
Cupric Sulphate; Copper Sulphate	Crystallized copper sulphate with impurities not exceeding commercial grade.
Ferric Oxide; Red Oxide of Iron	Ferric oxide with impurities not exceeding commercial grade.
Ferrous Sulphate	Crystallized ferrous sulphate with impurities not exceeding commercial grade.
Dextrose	A refined, crystallized sugar obtained chiefly by the hydrolysis of starch or of a starch-containing substance.
Glucose	A syrup obtained by the incomplete hydrolysis of starch or of a starch-containing substance.
Lactose; Milk Sugar	A sugar obtained from cow's milk.
Magnesium Sulphate; Epsom Salts	Magnesium sulphate with impurities not exceeding commercial grade.
Potassium Bitartrate; Cream of Tartar	Potassium bitartrate with impurities not exceeding commercial grade.
Potassium Nitrate; Saltpeter	Potassium nitrate with impurities not exceeding commercial grade.
Sodium Nitrate; Chile Saltpeter	Sodium nitrate with impurities not exceeding commercial grade.
Sodium Bicarbonate	Sodium bicarbonate with impurities not exceeding commercial grade.
Sodium Chloride; Common Salt	Sodium chloride with impurities not exceeding commercial grade.
Sodium Sulphate; Glauber's Salt	Sodium sulphate with impurities not exceeding commercial grade.
Sulphur	Sulphur with impurities not exceeding commercial grade.

RECOGNIZED ENGLISH NAME AND ENGLISH SYNONYM, IF ANY	ARTICLE OR SUBSTANCE INDICATED BY THE NAME AND SYNONYM
Calcium Phosphate	Tricalcium salt of phosphoric acid with impurities not exceeding commercial grade.
Dicalcium Phosphate	Dicalcium salt of phosphoric acid with impurities not exceeding commercial grade.
Bone Ash	The ash obtained by burning bones with free access of air and containing 15.3—16.6% P.
Precipitated Calcium Carbonate; Precipitated Chalk	Precipitated calcium carbonate with impurities not exceeding commercial grade.
Rock Phosphate	Ground phosphate rock of commercial grade.
Phosphatic Limestone	Ground phosphate-containing limestone of commercial grade.
Limestone; Calcite	Ground calcium limestone of commercial grade.
Dolomitic Limestone; Dolomite	Ground calcium-magnesium limestone of commercial grade.
Shell	Ground shells of oysters or of other mollusks.
Oyster Shell	Ground shells of oysters.

(Adopted 1935.)

Mineral feeds must be registered and labeled according to the specifications shown on page 43. During the past year we have analyzed ninety-one samples of mineral feed and the results appear in Table 11.

Table 11. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1939, to August 31, 1940

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	Calcium (Ca)	Phos- phorus (P)	Iodine (I)	Salt (NaCl)	
Armour and Company, Chicago, Illinois, and Branches.											
23% Protein Feeding Raw Bone Meal.....	23.00	3.00	2.00	2.00			19.3	10.0			541F
Analysis.....	25.80	3.05	.57	1.73	6.33	62.52	22.6	10.0			404F
Bibb Company, H. T., Fort Worth, Texas.											
Bibb's Mineral Supplement.....							18.8	3.2		33.3	1972U
Analysis.....	6.90						15.0	2.9		50.6	446T
Blumer, A. M., San Francisco, California.											
Standard Brand Spent Bone Black.....							28.0	14.0			1900A
Analysis.....							36.2	15.9			1900A
Carey Salt Company, The, Hutchinson, Kansas.											
Carey's "AA" Iodized Mineral Supplement...							10.0	5.0	0.015	67.5	1252C
Analysis.....							10.0	4.6		69.3	1252C
Carey's Iodized Mineral Supplement.....							5.0	2.0	0.015	84.0	1252D
Analysis.....							4.9	1.8		84.8	1252D
Champion Products, Inc., Denver, Colorado.											
Mineral Mixture for Feed-Lot Cattle.....							15.0	12.0	0.005		1048A
Analysis ^e							15.0	4.0			1048A
Mineral Mixture for Feed-Lot Lambs.....							15.0	7.3	0.005		1048B
Analysis ^e							12.4	1.7			1048B
Mineral Mixture for Range Cattle.....							15.0	14.5	0.005		1048C
Analysis ^e							16.6	4.0			1048C
Mineral Mixture for Range Sheep.....							15.0	5.2	0.005		1048D
Analysis ^e							15.0	2.4			1048D
Mineral Mixture for Lambs and Calves.....							15.0		0.005	9.0	1048E
Analysis ^e							12.4			7.1	1048E
Mineral Mixture for Horses and Mules.....							30.0	7.0	0.005	10.0	1048F
Analysis ^e							15.2	2.0		10.4	1048F
Lac-Mineral Mixture for Dairy Cows.....							15.0	12.0	0.005		1048G
Analysis ^e							15.0	4.0			1048G
Mineral Mixture for Hogs.....							30.0	7.0	0.005	10.0	1048H
Analysis ^e							15.4	2.0		10.4	1048H

^eRegistration adjusted.

Table 11. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Moist- ure	Crude Ash	Calcium (Ca)	Phos- phorus (P)	Iodine (I)	Salt (NaCl)	
Consolidated Chemical Industries, Inc., Pacific Division, San Francisco, California.											
Digesta Brand Special Steamed Bone Meal.....							30.0	14.0			1688A
Analysis.....							32.7	14.1			406S
Consolidated Chemical Industries, Inc., Texas Division, Houston, Texas.											
Texas Lone Star 25% Protein New Process Bone Meal.....	25.00	0.20	3.00	0.00			19.3	10.0			1718A
Analysis.....	30.96	.62	.65	3.27	5.17	59.33	22.0	10.1			9M
Analysis.....	31.31	.72	.64	1.57	6.16	59.60	22.0	10.2			390M
Consolidated Chemical Industries, Inc., Texas Division, Houston, Texas, and Branches.											
Digesta Brand Special Steamed Bone Meal.....							30.0	14.0			1210A
Analysis.....							31.9	14.6			33M
Cudahy Packing Company, The, Chicago, Illinois.											
Cudahy's All-Purpose Mineral Feed with Iodine.....	3.00						25.0	6.0	0.06	10.0	2023D
Analysis.....	15.09						23.3	6.3		6.2	216W
Dallas Animal By-Products Company, Dallas, Texas, and Branches.											
Golden Brand 23% Protein Feeding Raw Bone Meal.....	23.00	2.00	2.00	2.00			19.3	10.0			1534C
Analysis.....	26.25	1.28	.59	2.19	7.70	61.99	22.3	10.0			356K
Analysis.....	26.70	1.41	.72	2.77	7.36	61.04	22.5	10.2			498K
Dimmitt Wheat Growers, Inc., Dimmitt, Texas.											
Mineral Mixture for Livestock.....							14.2	2.4		50.0	513F
Analysis.....							16.7	2.0		47.5	513F
Eden Wool & Mohair Company, Eden, Texas.											
Hall's Quality Brand Mineral Mixture.....							10.7	3.4		66.0	2125E
Analysis.....							15.2	3.9		55.9	205S

Evans and Son, T. L.,										
Brownwood, Texas, and Branches.										
Lone Star Brand Mineral Mixture for Cattle.....						16.6	6.6	0.023	30.0	946A
Analysis.....						17.4	6.2	.....	29.0	143S
Lone Star Brand Mineral Mixture for Sheep.....						13.1	5.2	0.023	39.6	946B
Analysis.....						16.8	5.5	.....	38.2	946B
Analysis.....						16.6	5.5	.....	37.4	142S
Evans and Son, T. L.,										
Fort Worth, Texas.										
Lone Star Brand Mineral Mixture for Cattle.....						16.6	6.6	0.023	30.0	946A
Analysis.....						16.7	6.5	.....	37.3	946A
Globe Laboratories,										
Fort Worth, Texas.										
Globe Special A Range Mineral.....	8.30					9.9	3.0	.....	26.0	210A
Analysis.....	8.23					12.2	3.6	.....	26.8	210A
Globe Range Mineral No. 1.....	7.00					9.9	3.0	.....	29.5	210B
Analysis.....	7.10					11.2	3.5	.....	33.0	210B
Hardeman-King Company,										
Amarillo, Texas.										
Mineral Mixture.....						14.5	2.5	.....	50.0	847G4
Analysis.....						14.4	2.7	.....	45.6	847G4
Analysis ^d						15.8	2.2	.....	48.6	520K
Harlingen Cotton Oil Mill,										
Harlingen, Texas.										
Cotton Bloom Brand Mineral Supplement for										
Livestock.....						13.5	2.9	.....	50.0	772M
Analysis.....						15.2	2.2	.....	54.5	772M
Hart Company, E. R.,										
Bledsoe, Texas.										
Mineral Mixture.....						22.7	4.5	.....	33.4	1232A
Analysis.....						25.2	5.2	.....	32.5	1232A
Hasse Brothers,										
Llano, Texas.										
Hasse Money-Maker Brand Mineral Mixture.....						9.7	1.3	.....	70.0	300E
Analysis.....						11.5	1.0	.....	65.9	15W
Ingwersen, Jim,										
Canadian, Texas.										
Jim's Mineral Mixture.....	3.00					15.7	1.5	0.004	47.0	1532G
Analysis.....	3.75				85.56	18.1	1.7	.....	45.5	1532G

^aNot tagged, but tags furnished. Amount in stock removed from sale until tagged.

^dSampled before registration.

^eRegistration adjusted.

Table 11. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	Calcium (Ca)	Phosphorus (P)	Iodine (I)	Salt (NaCl)	
Interstate By-Products & Supply Company, Fort Worth, Texas.											
Interstate 23% Protein Steamed Bone Meal..	23.00	3.00	3.00	0.00	5.62	66.91	19.3	10.0			768M
Analysis ¹	22.38	2.06	.69	2.34			24.9	9.3			223K
Interstate 20% Protein Steamed Bone Meal..	20.00	1.00	3.00	0.00	4.98	65.40	19.3	10.0			768M
Analysis ¹	22.83	3.05	2.85	.89			24.7	9.4			395T
Analysis ¹	20.10	1.60	1.04	2.62	4.84	69.80	25.2	11.2			468T
Lamkin Brothers, Brownwood, Texas.											
Giltedge Brand Cottonseed Meal, Limestone, and Bone Meal.....	30.00	4.00	8.50	16.00	5.11	29.74	11.4	1.0			1822K
Analysis ^{4 a2}	29.14	3.31	7.27	25.43			11.8	1.4		.6	231T
Analysis ²	29.59	5.17	9.15	22.25	4.88	28.96	11.3	1.1		.5	312W
Giltedge Brand Mineral Mixture.....							12.5	0.8		58.0	1822N
Analysis.....							16.0	.7		56.0	40S
Analysis.....							16.5	.9		53.9	63S
Analysis.....							17.8	.9		51.2	198S
Analysis.....							15.5	.8		57.2	461S
Analysis.....							19.1	1.1		47.8	77T
Lapp Laboratories, Inc., Nevada, Iowa.											
Lapp's Mo-Lactas Brand Stock Block with Minerals.....	6.00	0.00	6.00	60.00	10.18	33.44	4.0	1.4	0.459	2.0	774B
Analysis ^e	8.55	.88	5.57	41.38			6.4	.6		7.6	774B
Lawther Mills, W. J., Dallas, Texas.											
Sure-Nuff Brand Mineral Mixture for Dairy Cows.....							17.4	2.5		40.0	1268B1
Analysis.....							20.3	3.6		33.4	1268B1
Lindley, Dr. A. T., Stephenville, Texas.											
Lindley's Mineral Mixture.....	6.50						9.6	4.8		50.0	330A
Analysis ³	7.90						9.3	.6		50.6	330A
Long, R. W., Manzanola, Colorado.											
Long's Minerals for Hogs.....							7.3	2.7	0.019		463A
Analysis.....							10.4	4.1			463A

Long's Minerals for Sheep, Cattle, Horses and Poultry.....							14.6	2.7	0.019		463B
Analysis.....							16.1	2.2			463B
McCulloch County Cotton Oil Mill, Brady, Texas.											
Cotton Bloom Brand Mineral Supplement for Livestock.....							15.9	3.2		50.0	1047L
Analysis.....							17.7	3.9		50.6	130S
Marshall Feed Company, Clay Center, Kansas.											
Bio-Min Mineral Base.....	2.00								0.1		454C
Analysis ^a	8.15										367T
Midwest Wool Marketing Association, Fort Worth, Texas.											
Midwest Mineral Mixture.....							13.7	2.3	0.017	50.0	2234A
Analysis.....							14.3	2.6		50.5	2234A
Moorman Manufacturing Company, Quincy, Illinois.											
Moorman's 43% Protein Mintrate Concentrate and Mineral Mixture for Hogs.....	43.00	4.00	5.00	3.00			8.5	3.2	0.005	4.0	2281V
Analysis ^c	43.18	5.37	3.67	7.54	5.47	34.77	9.6	3.4		3.4	2281V
Moorman's 43% Protein Mintrate Concentrate and Mineral Mixture with Irradiated Yeast for Hogs.....	43.00	4.00	5.00	3.00			8.5	3.2	0.005	4.0	2281W
Analysis.....	46.23	5.16	4.06	6.04	4.68	33.83	9.4	3.0		3.2	2281W
Moorman's Grofast Brand Block Minerals with Irradiated Yeast for Grazing Cattle and Cows.....							19.0	4.9	0.017	28.5	2281X
Analysis.....							21.5	5.3		29.3	2281X
Moorman's Top-Kream Brand Minerals with Irradiated Yeast for Dairy Cows and Calves.....							25.0	6.1	0.017		2281Y
Analysis.....							29.6	7.6			2281Y
Morton Salt Company, Chicago, Illinois, and Branches.											
Salt and Monocalcium Phosphate.....							2.5	2.9		87.0	1414B
Analysis.....							2.3	2.9		88.3	283K
Analysis.....							2.6	2.3		89.1	524K

^aNot tagged, but tags furnished. Amount in stock removed from sale until tagged.

^dSampled before registration.

^eRegistration adjusted.

¹Adulterated with carbonate of lime.

²Salt found, not claimed.

³Registration canceled.

Table 11. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1939, to August 31, 1940—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	Calcium (Ca)	Phos- phorus (P)	Iodine (I)	Salt (NaCl)	
Nelson Grain Company, Inc., Claude, Texas.											
Mineral Supplement.....							<i>14.3</i>	<i>2.4</i>		<i>50.0</i>	1830L
Analysis.....							16.5	3.4		50.6	1830L
No-Scips Company, Incorporated, Casper, Wyoming.											
No-Scips Mineral Block.....							<i>3.5</i>	<i>1.0</i>	<i>0.023</i>	<i>84.0</i>	1804A
Analysis.....							5.1	1.1		82.6	1804A
Packard Milling Company, Hereford, Texas.											
Mineral Mixture.....							<i>20.8</i>	<i>2.7</i>		<i>40.0</i>	211W
Analysis.....							23.3	3.1		37.4	211W
Park, Inc., Philip R., San Pedro, California.											
Manamar.....	<i>43.00</i>	<i>3.80</i>	<i>3.00</i>	<i>13.00</i>			<i>4.2</i>	<i>1.3</i>	<i>0.04</i>		2025A
Analysis ⁴	45.01	4.57	1.76	13.70	6.58	28.38	7.4	2.6		4.5	309S
Peyton Packing Company, El Paso, Texas.											
Peyton's 23% Protein Raw Bone Meal.....	<i>23.00</i>	<i>2.50</i>	<i>2.00</i>	<i>0.00</i>			<i>21.4</i>	<i>10.9</i>			1564B
Analysis ⁵	23.62	5.16	.42	2.62	5.01	63.17	23.9	9.8			345K
Analysis.....	24.36	7.17	1.77	1.95	5.55	59.20	22.5	10.4			183S
Analysis.....	25.26	4.22	.77	1.24	3.31	65.20	24.8	11.6			441S
Pincoffs Company, Maurice, Houston, Texas.											
Special Steamed Bone Meal.....	<i>5.00</i>	<i>0.30</i>	<i>2.00</i>	<i>0.00</i>			<i>30.0</i>	<i>14.0</i>			1244U
Analysis.....	5.10	.07	3.21	.28	4.01	87.33	32.6	14.7			167F
Analysis.....	6.46	.40	1.65	2.72	4.80	83.97	31.4	14.6			370H
Analysis.....	6.26	.15	1.31	3.80	5.50	82.98	31.3	14.3			359S
Pinco Brand Spent Bone Black.....							<i>33.0</i>	<i>12.0</i>			1244V
Analysis.....							31.0	12.9			182K
Pinco Brand 25% Protein New Process Bone Meal.....	<i>25.00</i>	<i>0.20</i>	<i>3.00</i>	<i>0.00</i>			<i>19.3</i>	<i>10.0</i>			1244Z
Analysis.....	25.00	.20	.49	3.00	5.31	66.00	25.0	10.7			1244Z

Puritan Laboratories, Inc., Des Moines, Iowa.											
Middleton's "Min-A-Lak" Mineral Supplement with Yeast.....	3.00						18.1	3.4	0.02	8.0	815C
Analysis.....	7.79						19.9	2.7		5.7	391M
Middleton's Range Mineral Feed.....							15.3	3.0	0.02	6.0	815D
Analysis.....							26.3	3.1		5.6	815D
Ramsey, Dr. E. W., Brady, Texas.											
Bal-Min Mineral Supplement.....							17.5	9.4		47.8	2563A
Analysis.....							23.6	6.2		31.7	2563A
Analysis.....							19.4	5.4		43.0	276S
Analysis.....							18.3	6.4		44.0	456S
Scott Bros. Grain Company, Inc., Fort Worth, Texas.											
23% Protein Steamed Bone Meal.....	23.00	3.00	3.00	0.00			19.3	10.0			69C7
Analysis ^a	27.37	1.86	3.00	2.35	6.55	58.87	22.0	9.9			69C7
Shellbuilder Company, Houston, Texas.											
Excello Brand Mineral Mixture.....							15.0	4.9		46.5	762D
Analysis.....							18.7	5.0		40.6	762D
Stratford Grain Company, Stratford, Texas.											
Mineral Mixture.....							16.0	1.2		50.0	2021A
Analysis.....							18.7	1.8		50.3	2021A
Stricklen, E. A., Del Rio, Texas.											
Special Mineral Mixture.....							7.1	1.4	0.028	66.7	714B
Analysis.....							11.2	1.7		69.3	714B
Swift & Company, Chicago, Illinois, and Branches.											
Swift's 5% Protein Special Steamed Bone Meal.....	5.00	0.00	3.00	4.00			25.1	13.0			270N
Analysis ^a	11.61	10.94	.86	5.80	2.44	68.35	25.5	12.1			162W
Swift's 25% Protein Feeding Raw Bone Meal.....	25.00	2.00	3.00	0.00			19.3	10.0			270O
Analysis.....	26.48	.93	1.18	1.82	8.36	61.23	21.8	10.0			468F
Analysis ^a	25.70	.63	.52	2.31	8.03	62.81	22.4	10.2			400T
Swift's Mineral Supplement.....							25.0	4.5	0.003	20.0	270R
Analysis.....							26.3	4.9		18.9	270P

^aNot tagged, but tags furnished. Amount in stock removed from sale until tagged.

^aRegistration adjusted.

⁴Total chlorine found calculated as salt (NaCl).

⁵Adulterated with carbonate of lime.

Table 11. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	Calcium (Ca)	Phos- phorus (P)	Iodine (I)	Salt (NaCl)	
Texas Stockmen's Supply Company, San Angelo, Texas.											
Mineral Mixture.....							9.3	1.0	.....	50.0	1043A
Analysis.....							10.3	1.6	.....	50.2	401S
Tidwell Fuel & Feed Company, El Paso, Texas.											
Spent Bone Black							28.0	14.0	.....	.....	662C8
Analysis							35.9	16.2	.....	.....	662C8
Analysis							35.1	15.8	.....	.....	440S
Transit Grain & Commission Company, Fort Worth, Texas.											
Vit-A-Way Brand Mineral Base.....									0.2	.....	1839N
Analysis .....									.....	.....	1839N
Vit-A-Way Brand Mineral Mixture							22.9	4.2	0.01	15.0	1839C2
Analysis							27.0	2.9	.....	15.4	1839C2
Analysis							24.1	4.9	.....	13.4	478F
Analysis							26.6	4.8	.....	16.7	408T
Bio-Cv-15 Mineral Base	1.50								1.5	.....	1839D2
Analysis	9.50								.....	.....	1839D2

RESOLUTIONS ADOPTED BY THE ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS, INC.

The following resolutions have been adopted by the Association of American Feed Control Officials, Inc.:

Resolved, That it is the sense of this Association that we understand the term "Nitrogen-free Extract" to cover the product indicated by the percentage obtained by subtracting from 100 per cent the sum of the percentages of Ash, Moisture, Protein, Fat, and Fiber; (Adopted prior to 1923.)

Resolved, That the term "Carbohydrates" be interpreted to cover the product indicated by the percentage obtained by the addition of the percentages of crude fiber and nitrogen-free extract; (Adopted prior to 1923.)

Resolved, That it is the sense of this Association that a ton of feed be 2,000 pounds, net; (Adopted prior to 1923.)

Resolved, That this Association go on record as opposing the use of second-hand bags unless they are turned wrong side out so that the original stenciling will not be displayed; (Adopted prior to 1923.)

Resolved, That this Association go on record to the effect that the term "cracked corn" does not apply to degermed cracked corn; (Adopted prior to 1923.)

Resolved, That this Association go on record as condemning the practice of packing feeding stuffs in bags containing 99 pounds net and billing and charging for 100 pounds net; (Adopted 1923.)

Whereas, Linseed Oil Meal is sold more or less on the basis of the protein content, therefore,

Be it Resolved, That the percentage of protein should be prefixed to linseed cake or meal, for example, 34 per cent protein linseed meal; (Adopted 1923.)

Resolved, That it is the sense of this Association that no product sold under a trade or proprietary name be recognized for the purpose of formulating definitions, standards, etc.; (Adopted 1927.)

Resolved, That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds;

Resolved, That all other preparations which are sold or represented primarily for the cure, mitigation, or prevention of disease be classified by this Association as drugs, medicines, or specifics; (Adopted 1926.)

Resolved, (a) That it is the sense of this Association that the names of feed materials or their combinations must not be misleading as to the kind, character, and nature of the material or materials;

(b) That the name of each feed material should be stated in its simplest form and in the common English term, if such term exists, omitting all superfluous or ambiguous words;

(c) That if a descriptive name is used, the material must correspond thereto; (Adopted 1930.)

Resolved, That this Association go on record as disapproving the use of artificial colors in the manufacture of feedstuffs, excepting use of a Federal F. D. & C.* certified dye or dyes solely to indicate the distribution of a valuable ingredient or ingredients. The dye or dyes shall not affect the natural color of the treated feedstuff. (Adopted 1931—Amended 1939.)

Resolved, That any material sold primarily as a vitamin D supplement for poultry shall be labeled with a minimum guarantee of vitamin D potency expressed as Association of Official Agricultural Chemists' chick units of vitamin D per gram, determined according to the tentative procedure adopted by the Association of Official Agricultural Chemists, and assuming that one U. S. P. unit of vitamin D in the U. S. Pharmacopoeia "Reference Cod Liver Oil" equals one Association of Official Agricultural Chemists' chick unit. (Adopted 1933; Amended 1935, 1936.)

Resolved, That no tentative definition be used until adopted as official, unless in accord with the specific action of this Association. (Adopted 1933.)

Resolved, That the Association of American Feed Control Officials, Inc., request the cooperation of all recognized feed manufacturing associations in submitting for approval any contemplated changes in definitions of feeding stuffs which in any way conflict with the official definitions as adopted by this organization.

It is also requested that wherever practicable any existing conflicting definitions be changed to conform to the official definitions. (Adopted 1934.)

Whereas, Many States which have adopted the Association's definitions for cottonseed products require that a guarantee of crude fat and crude fiber content in cottonseed meal be made, therefore, for the sake of uniformity of labels and registration, and in such cases where there is no conflict with existing feed laws,

Be it Resolved, That the following guarantee of crude fat and crude fiber be recommended:

*Food, Drug, and Cosmetic.

	Crude Fat Not less than	Crude Fiber Not more than
For 36% Protein Cottonseed Meal	4.50%	16.00%
For 41% Protein Cottonseed Meal	5.00%	13.00%
For 43% Protein Cottonseed Meal	5.20%	12.00%

(Adopted 1934.)

Since the term "carbohydrates" is misleading and combines a maximum guarantee of crude fiber with a minimum guarantee of nitrogen-free extract,

Be it Resolved, That the use of the term "carbohydrates" on the uniform registration blank and uniform tags be discontinued. (Adopted 1935.)

Resolved, That it is the sense of this Association that when water is added in the preparation of canned foods for domestic animals, the word "water" shall be listed as an ingredient. (Adopted 1938.)

Whereas, Many States which have adopted the Association's definitions for peanut products require that a guarantee of crude fat and crude fiber content in peanut oil meal be made, therefore, for the sake of uniformity of labels and registration, and in such cases where there is no conflict with existing feed laws,

Be it Resolved, That the following guarantees of crude fat and crude fiber be recommended:

	Crude Fat Not less than	Crude Fiber Not more than
For 41% Protein Peanut Oil Meal	6.00%	16.00%
For 45% Protein Peanut Oil Meal	6.00%	14.00%
For 48% Protein Peanut Oil Meal	6.00%	10.00%

(Adopted 1939.)

Resolved, That the same feeds in pellet and in meal form shall not be charged more than one registration fee. (Adopted 1939.)

Resolved, When feeding stuffs carry label information on both tag and bag, there shall be no difference with respect to name, ingredients and guaranteed composition. (Adopted 1939.)

Resolved, That this Association go on record as condemning the use of the word "vitamin" or a contraction thereof, or any word suggesting vitamin in a brand name of a feed, and as opposing the acceptance of registrations of feeds under names which are in conflict with this resolution excepting for materials represented solely to be vitamin supplements. Such supplementary material shall be labeled as prescribed by this Association. (Adopted 1939.)

TENTATIVE GUARANTIES FOR FEEDS AND ANALYSES FOR CALCULATION PURPOSES

Table 12 shows tentative guaranties for the convenience of manufacturers in registering feeding stuffs for sale in Texas and also analyses which can be used in calculating guaranties of mixed feeds. There will be no objection if manufacturers wish to register under better guaranties if the quality of the feeds justify this action. It is to be understood, however, that manufacturers are responsible for their guaranties and that the Division of Feed Control Service accepts no responsibility for feeds failing to meet the guaranties.

Table 12. Tentative Guaranties and Analyses

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Extract not less than Per Cent
Chopped Alfalfa.....	13.00	1.50	33.00	35.00
Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00
Alfalfa Meal.....	13.00	1.50	33.00	35.00
Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00
Whole Barley Chop.....	11.00	1.50	6.00	65.00
Hulled Barley.....	10.00	2.50	2.50	72.00
Dried Beet Pulp.....	8.00	0.50	22.00	52.00
Blood Meal.....	80.00	1.00	2.00	3.00
Raw Bone Meal.....	23.00	2.00	5.00	0.00
Special Steamed Bone Meal.....	5.00	0.00	3.00	4.00
Brewers' Dried Grains.....	21.00	6.00	18.00	40.00
Buckwheat.....	10.00	2.50	10.00	62.00
Dried Buttermilk.....	32.00	5.00	1.00	35.00
Cocoonut Oil Meal.....	20.00	6.00	12.00	40.00
Corn Bran.....	8.00	5.00	12.00	60.00
Corn Chop.....	9.00	3.50	3.00	70.00
Ear Corn Chop.....	8.20	3.20	8.00	64.00
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00
Corn Cobs.....	2.00	0.50	34.00	50.00
Corn Feed Meal.....	8.00	3.00	3.00	67.00
Corn Germ Meal.....	18.00	7.00	9.00	50.00
Corn Gluten Feed.....	23.00	2.50	7.00	50.00
Corn Gluten Meal.....	40.00	1.00	4.00	40.00
Cotton Burs.....	8.00	2.00	30.00	44.00
45% Protein Cottonseed Cake.....	45.00	6.00	10.00	22.00
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00
Cottonseed Chop.....	20.00	17.00	20.00	25.00
41.12% Protein Cottonseed Feed.....	41.12	5.00	14.00	26.00
38.56% Protein Cottonseed Feed.....	38.56	5.00	18.00	27.00
36% Protein Cottonseed Feed.....	36.00	5.00	22.00	28.00
Cottonseed Hulls.....	4.00	0.70	44.00	40.00
45% Protein Cottonseed Meal.....	45.00	6.00	10.00	22.00
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00
25% Protein Whole-Pressed Cottonseed.....	25.00	6.00	25.00	29.00
Emmer Chop.....	11.00	1.50	10.00	63.00
Feterita Chop.....	11.00	2.80	3.00	69.00
Feterita Head Chop.....	10.00	2.50	8.00	64.00
Feterita Head Stems.....	5.00	1.00	25.00	53.00
Feterita Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
Fish Meal.....	60.00	5.00	1.00	1.00
Flax Plant By-Product.....	8.00	4.00	35.00	35.00
Flaxseed.....	22.00	32.00	7.00	23.00
South Texas Prairie Hay.....	4.00	2.00	30.00	47.00
Hegari Chop.....	10.00	2.50	3.00	70.00
Hegari Head Chop.....	8.50	2.50	8.00	65.00
Hegari Head Stems.....	5.00	1.00	25.00	53.00
Hegari Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
Hominy Feed.....	10.00	5.00	7.00	60.00

Table 12. Tentative Guaranties and Analyses—Continued

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Extract not less than Per Cent
Kafir Chop	10.00	2.50	3.00	70.00
Kafir Head Chop	8.50	2.50	8.00	65.00
Kafir Head Stems	5.00	1.00	25.00	53.00
Kafir Heads, Stalks and Stems	7.00	2.00	20.00	55.00
34% Protein Linseed Meal	34.00	6.00	9.00	35.00
32% Protein Linseed Meal	32.00	6.00	9.00	35.00
Meat and Bone Scraps	50.00	6.00	3.00	0.00
Mesquite Beans with Pod	12.50	2.00	27.50	48.00
Dried Skimmed Milk	34.00	0.20	0.00	50.00
Millet Seed	11.00	4.00	10.00	57.00
Milo Chop	10.00	2.50	3.00	70.00
Milo Head Chop	8.50	2.50	8.00	65.00
Milo Head Stems	5.00	1.00	25.00	53.00
Milo Heads, Stalks and Stems	6.50	1.90	20.00	55.00
Beet Molasses	3.50	0.00	0.00	59.00
Cane Molasses	2.40	0.00	0.00	65.00
Clipped Oat By-Product	6.00	2.00	30.00	35.00
Whole Oat Chop	11.00	4.00	12.00	58.00
Oat Groats	16.00	6.00	1.50	65.00
Oat Hulls	3.00	1.00	30.00	51.00
Oat Meal, Feeding	14.50	6.00	4.00	60.00
Oat Mill Feed	6.00	2.00	26.00	50.00
Oat Shorts, or Middlings	15.00	6.00	1.00	65.00
Oat Straw	3.50	2.30	36.80	40.50
45% Protein Peanut Cake	45.00	6.00	10.00	23.00
43% Protein Peanut Cake	43.00	6.00	12.00	23.00
Peanut Hay	10.00	3.50	24.00	44.00
Peanut Hay with Nuts	12.00	12.00	25.00	30.00
Peanut Hulls	8.00	1.50	55.00	25.00
Peanut Kernels	26.00	44.00	3.00	17.00
45% Protein Peanut Meal	45.00	6.00	10.00	23.00
43% Protein Peanut Meal	43.00	6.00	12.00	23.00
36% Protein Whole-Pressed Peanuts	36.00	6.00	22.00	20.00
34% Protein Whole-Pressed Peanuts	34.00	6.00	24.00	20.00
Canadian Peas	24.00	1.20	5.00	55.00
Cleaneed Rice	9.00	1.00	1.00	77.00
Rough Rice	7.00	1.80	10.00	63.00
Rice Bran	11.00	10.00	15.00	42.00
Rice Hulls	3.00	0.50	36.00	30.00
Rice Polishings	11.00	6.00	4.00	55.00
Rice Screenings	9.00	3.00	6.00	50.00
Rye Chop	10.00	1.50	2.00	72.00
Soybean Oil Meal	41.00	6.00	6.00	28.00
Sunflower Seed	16.00	21.00	30.00	21.00
Digester Tankage	60.00	5.00	3.00	0.00
Velvet Bean Meal	22.00	4.50	4.00	51.00
Velvet Beans with Pod	17.00	3.50	17.00	48.00
Wheat Bran	14.50	3.00	10.00	50.00
Wheat Chop	12.00	2.00	3.00	70.00
Wheat Low-Grade Feed Flour	14.00	1.50	1.50	70.00
Wheat Red Dog Flour	15.00	2.50	4.00	65.00
Wheat Germ	30.00	10.00	2.50	45.00
Wheat Mixed Feed	16.00	3.50	8.50	52.00
Wheat Screenings	12.50	2.50	6.00	65.00
Wheat Brown Shorts	17.50	4.50	7.50	53.00
Wheat Gray Shorts	17.00	4.00	6.00	55.00
Wheat White Shorts	14.50	3.00	3.50	60.00
Wheat Straw	3.00	1.40	37.90	44.00

PURPOSE OF THE TEXAS FEED LAW

The purpose of the Texas Feed Law is to afford protection to manufacturers and purchasers of feeding stuffs in the State of Texas.

Through the rigid enforcement of the law the Division of Feed Control Service furnishes protection against adulterated feed, which has caused

many low-grade feeds to be withdrawn from the market. Consumers have become better acquainted with the value of various materials used for feeding animals, and they are enabled to purchase feeds more profitably than before the feed law was enacted. By comparing the ingredients, analyses, and prices of various feeds, the purchaser is enabled to determine for himself which feeding stuff is best suited for his particular need. If he should have any difficulty in this regard he may write to the Division for additional information.

The honest manufacturer of feeding stuffs is protected by the development and impartial enforcement of uniform standards and definitions which have a tendency to eliminate unfair competition. Every manufacturer is expected to comply with the law, not only for the sake of compliance, but because in the long run it is the wiser course. The manufacturer who habitually complies with the law has the confidence of the consumers of the feed and the public in general and avoids the unnecessary expense and the unsavory reputation incident to prosecution for violation.

The following summary of the Texas Feed Law is given for the information of those who are not thoroughly familiar with its provisions:

SUMMARY OF THE TEXAS FEED LAW

1. (a) Feeding stuffs covered by the law:

All materials offered or exposed for sale, or distributed or sold for feeding purposes except those especially excluded.

(b) Feeding stuffs not covered by the law:

Hay and straw, whole seeds or grains of wheat, barley, rye, oats, Indian corn, rice, buckwheat, or broom corn; any other whole or unground grains or seeds.

2. Statements to be printed on official tags securely attached to bags:

- (a) Net weight of package.
- (b) Name of feeding stuff.
- (c) Name and address of manufacturer or importer.
- (d) Place of manufacture.
- (e) Minimum percentage of crude protein.
- (f) Minimum percentage of crude fat.
- (g) Minimum percentage of nitrogen-free extract.
- (h) Maximum percentage of crude fiber.
- (i) Names of ingredients (if a mixed feed).
- (j) Percentage of each ingredient when rice hulls, peanut hulls, corn cobs, oat hulls, cottonseed hulls, or similar substances are present in a mixed feed.

A copy of the Texas Feed Law will be sent to interested persons on request.

RULINGS UNDER THE LAW

The Director of the Texas Agricultural Experiment Station is empowered to adopt such regulations as may be necessary for the enforcement of the Texas Feed Law. In accordance with this provision, regulations have been promulgated and printed in Circular No. 58, Revised, a copy of which will be gladly furnished upon request.

REFUNDS

The Texas Feed Law makes no provision for the payment of refunds to cover deficiencies and although this practice often shows the good intention of the manufacturer, the payment of such refunds will have no bearing on any subsequent action which may be taken in case of violation of the law. The law does not contemplate that the purchaser of a feeding stuff should be required to have an analysis made in order to secure protection. When refunds are paid, manufacturers should always notify the Division to this effect so that proper credit may be given in the table of inspection results, and dealers will be required to prorate them to the purchasers so that the consumers may receive the benefit.

The amount of refund to be paid may be found by dividing the cost per ton by the protein guaranty which will give the cost of 1 per cent of protein. Multiply the result found by the per cent of deficiency and then multiply this figure by the total number of tons purchased.

Example: A shipment consisting of thirty tons of 43% Protein Cottonseed Meal is purchased for \$38.00 per ton. The deficiency in protein is 2 per cent. What is the amount of refund due?

$$\begin{array}{r} 38.00 \\ \hline \quad \times 2 \times 30 = \$52.98 \\ 43 \end{array}$$

If a refund has been paid during the past year by any given manufacturer and Table 15 does not show this fact it is because the manufacturer did not notify us that refund had been paid. **The payment of refunds never fully remunerates the consumer for being furnished feed which is deficient in valuable nutrients, and manufacturers are advised to be certain in advance that shipments are up to the guaranty in every respect.**

CONTROL OF INTERSTATE SHIPMENTS

In enforcing the law the State has the cooperation and assistance of the United State Department of Agriculture as regards adulterated and misbranded interstate shipments. We have received a commission from the United States Department of Agriculture to collect samples of interstate shipments of feed and practically all such shipments showing a deficiency and adulteration are sampled, not only under the Texas Feed

Law, but also under the Federal Food, Drug, and Cosmetic Act of 1940. The Federal samples are either analyzed under the direction of Dr. G. S. Fraps, Collaborating Chemist, or forwarded to the Food and Drug Administration Laboratory at New Orleans, Denver, St. Louis, or Washington. The Federal government prosecutes many of the manufacturers of these feeds, but this does not preclude legal action by the Texas Feed Control Service if considered necessary for the protection of Texas consumers.

Cooperation with the Food and Drug Administration of the Federal Security Agency has been continued and thus control exercised over interstate shipments of feed as protection to Texas purchasers.

SHIPMENTS WITHDRAWN FROM SALE

All dealers are advised to withdraw from sale shipments of feed which they know do not conform to the requirements of the Texas Feed Law, until such time when they can be legally sold. The dealer is directly responsible if feed in his possession fails to meet the requirements of the law and the same penalty attaches to exposing or offering for sale any unlabeled feed as for selling the same. The dealer should always be a law-abiding citizen and voluntarily withdraw from sale all untagged shipments and those which he knows or suspects are adulterated or misbranded and then write to the Division of Feed Control Service for instructions and its cooperation.

Table 13. Shipments Withdrawn from Sale

No. of Shipments Withdrawn from Sale	No. of Manufacturers Represented	Reasons for Withdrawal from Sale	Amount Withdrawn, Tons
390	194	Not tagged.....	954
54	40	Deficient in crude protein.....	549
32	24	Wrong tags attached.....	129
20	17	Tags not printed in accordance with registration.....	74
20	14	Blank tags attached.....	73
13	9	Excess crude fiber.....	62
22	19	Obsolete tags attached.....	56
17	13	Short weight.....	56
11	10	Not registered and not tagged.....	22
9	7	Defaced tags attached.....	21
14	6	Information on tags and bags at variance.....	14
1	1	Adulterated with screenings.....	13
3	3	Adulterated with corn meal.....	13
12	12	Not tagged and short weight.....	6
1	1	Adulterated with corn bran and corn chop.....	5
2	2	Packed in second-hand unturned branded bags.....	4
2	1	Not tagged and unauthorized statement on bags.....	4
5	5	Tags of wrong denomination attached.....	3
2	2	Not manufactured according to registration.....	3
2	2	Damaged and short weight.....	3
4	4	Illegal weight and defaced tags attached.....	2
3	3	Short weight and wrong tags attached.....	2
4	3	Not tagged and illegal weight.....	1
1	1	Defaced tags attached and short weight.....	1
1	1	Not registered.....	1
1	1	Obsolete tags and information on tags and bags at variance.....	1
646	395	Total.....	2,072

Table 13 shows the summary of the feeds withdrawn from sale during the year ended August 31, 1940, and gives the number of shipments withdrawn, the amounts, and the special reasons for their withdrawal from sale. It also shows the number of manufacturers represented.

Shipments found untagged by the inspectors were required to be labeled with tags furnished by the manufacturers. Improperly labeled shipments were relabeled with official tags properly printed, or with tags showing guaranties that could be maintained, and, in still other cases, shipments were returned to the manufacturer. The sales of goods below guaranties were adjusted, in practically all instances, by manufacturers paying refunds to dealers and consumers when the deficiencies were sufficient to warrant such action. In all cases when refunds were made to dealers, the dealers were advised to prorate the same among their customers, in so far as possible, so that the ultimate consumer would receive its benefit. Attention is directed to special information on page 59 regarding refunds.

VIOLATIONS

Five firms were cited for hearings to be held in the office of this Division for the purpose of presenting evidence to show cause why they should not be prosecuted for violating the law. Four of these firms sent representatives to the hearings and one replied by letter. Upon presentation of the evidence such action was taken as seemed advisable, although no firms were prosecuted under the provisions of the Texas Feed Law.

Six hundred and forty-three minor complaints were adjusted through correspondence, together with the assistance of the inspectors. These complaints consisted of untagged shipments of feed; improperly labeled shipments; incorrectly printed tags attached to packages of feed; short weights; deficiency in crude protein; excess of crude fiber, and other minor irregularities.

During the year there were six Federal cases developed against manufacturers shipping feed into this State in violation of the Food and Drugs Act of 1906. The necessary evidence in each case was transmitted to Federal authorities for legal action. These cases were then referred to United States attorneys having jurisdiction and prosecution of violators recommended. One of the cases was terminated by payment of fine and costs. Five cases are now pending.

Information has been received from Washington, however, that ten cases developed previous to September 1, 1939, were terminated on payment of fines and costs. The fines imposed amounted to \$425.00.

PROTEIN CONTENT OF COTTONSEED PRODUCTS SOLD IN TEXAS

Table 14 shows the minimum, maximum, and average content of crude protein in the cottonseed products inspected during the year ended August 31, 1940. It will be noticed that in many instances the minimum percentage

of protein is much less than the guaranty. Whenever the guaranty is not maintained the provisions of the Texas Feed Law have been violated although the average per cent of crude protein may exceed the amount guaranteed. From Texas cottonseed it is possible to produce cottonseed meal and cake of high protein content, and it should be the aim of each oil mill to manufacture cottonseed meal and cake containing not less than 43 per cent of crude protein.

RESULTS OF ANALYSES

Tables 11 and 15 contain a detailed report of the results obtained in the inspection of feeds during the season of 1939-40. In these tables will be found the analyses of all the official samples taken by the inspectors, together with the analyses of many samples of feed sent in by manufacturers for registration during the year ended August 31, 1940. Consumers and agents are advised to study this table and purchase from and represent companies which ship feed according to law.

The footnotes at the bottom of the pages refer to matters of importance in connection with the feeds designated, and we advise that they be carefully considered.

SUMMARY

This Bulletin contains a report of the inspection of feeding stuffs sold in the State of Texas during the year which ended August 31, 1940.

In addition to definitions of terms used in reporting analyses of feeding stuffs there is a table showing the average composition of the feeds inspected during the year and also one showing the digestible protein and productive energy of feeds.

A table is given showing the minimum, maximum, and average crude protein content of cottonseed products inspected during the season 1939-40.

Table 3 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-four years as computed from the sale of inspection tags.

The biological assays of fish liver oils and fortified fish liver oils sampled are given in Table 4.

Reference is made to the hardness of cottonseed cake and a table is given showing the crushing strength of several samples of cottonseed cake sold for feeding purposes.

Suggestions are given to purchasers of feed which should aid them in securing the kind of feed desired and buying feed which comes up to the representations of the manufacturers.

The chemical standards for various by-products and special-purpose mixed feeds are given in Table 10.

This Bulletin also contains the definitions of simple feed commodities as adopted by the Division of Feed Control Service and Association of American Feed Control Officials, Inc.

A table is given showing tentative guaranties for feed for the convenience of manufacturers in registering feeding stuffs for sale in Texas, and also analyses which can be used in calculating guaranties of mixed feeds.

A table is given showing the carotene contents of a few feeds on the Texas market.

Table 9 shows the average retail prices of feeds per ton in each of seven districts, the average retail price for the State, and also the average retail cash selling price for the year.

Information is given showing that in quite a few of the inspection samples of mixed feeds the guaranties of salt and carbonate of lime were not met in all cases.

The purpose of the Texas Feed Law is explained and a summary of the law is given. Mention is made of regulations promulgated under the provisions of the Texas Feed Law and information is given concerning the payment of refunds and the control of interstate shipments.

Table 13 shows the shipments withdrawn from sale and the reasons for taking this action.

Tables 11 and 15 give a detailed report of the results obtained in the inspection of feeding stuffs during the year ended August 31, 1940.

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Alamo Cotton Oil Mill, San Antonio, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Cake.	43.00	44.27	43.64	2
Cotton Bloom Brand 43% Protein Cottonseed Meal.	41.28	43.71	42.69	6
Alice Cotton Oil Company, Alice, Texas.				
43% Protein Cottonseed Meal.....	41.20	44.65	42.49	5
28% Protein Whole-Pressed Cottonseed.....	28.18	29.50	29.04	4
25% Protein Whole-Pressed Cottonseed.....			25.06	1
Amarillo Cotton Oil Company, Amarillo, Texas.				
43% Protein Coarse Cottonseed Meal.....			41.83	1
43% Protein Cottonseed Meal.....	42.69	45.34	43.99	7
43% Protein Cottonseed Cake.....	42.61	45.05	43.83	2
43% Protein Cottonseed Cubes.....	42.10	43.13	42.62	2
Athens Oil Mill, Athens, Texas.				
43% Protein Cottonseed Meal.....	41.57	42.95	42.47	3

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Beckham Brothers Seed & Grain Company, Lamesa, Texas.				
41.12% Protein Ground Cottonseed Feed.....			37.13	1
Bibb Company, H. T., Fort Worth, Texas.				
43% Protein Cottonseed Meal.....	42.13	43.28	42.83	3
Big Spring Cotton Company, Big Spring, Texas.				
43% Protein Cottonseed Meal.....	42.30	44.06	43.29	5
43% Protein Cottonseed Pellets.....			42.05	1
Brady Cotton Oil Company, Brady, Texas.				
43% Protein Pebble-Size Cottonseed Cake.....			41.91	1
43% Protein Cottonseed Meal.....			44.65	1
Brazos Valley Cotton Oil Company, Waco, Texas.				
Longhorn Brand 43% Protein Cottonseed Cake.....			44.34	1
Longhorn Brand 43% Protein Cottonseed Meal.....	41.37	43.52	42.46	6
Longhorn Brand 43% Protein Cottonseed Pellets.....			43.68	1
Brenham Cotton Oil & Manufacturing Company, Brenham, Texas.				
43% Protein Cottonseed Cake.....	42.85	44.50	43.64	3
43% Protein Cottonseed Meal.....	42.47	43.49	43.03	5
41.12% Protein Ground Cottonseed Feed.....			41.09	1
Brownwood Cotton Oil Mill, Brownwood, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	43.35	43.91	43.63	2
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	42.40	43.28	42.86	5
Cotton Bloom Brand 43% Protein Cottonseed Pellets.....			42.66	1
Bryan Cotton Oil & Fertilizer Company, Bryan, Texas.				
43% Protein Cottonseed Cake.....			42.43	1
43% Protein Cottonseed Meal.....	42.08	43.77	42.83	3
Caddo-DeSoto Cotton Oil Company, Inc., Shreveport, Louisiana.				
43% Protein Cottonseed Meal.....			43.58	1
Cameron Cotton Oil Company, Cameron, Texas.				
43% Protein Cottonseed Meal.....	42.89	43.95	43.33	5
Casso-Guerra & Company, Laredo, Texas.				
43% Protein Cottonseed Cake.....			45.28	1
Central Texas Oil Company, Mart, Texas.				
43% Protein Cottonseed Meal.....	40.88	45.21	43.82	5
Chickasha Cotton Oil Company, Chickasha, Oklahoma.				
Chickasha Quality Brand 43% Protein Cottonseed Cake.....			44.59	1
Chickasha Quality Brand 43% Protein Coarse Cotton- seed Meal.....			44.01	1
Chickasha Quality Brand 43% Protein Cottonseed Pellets.....	42.34	42.96	42.65	2
Childress Cotton Oil Mill, Inc., Childress, Texas.				
43% Protein Cottonseed Cake.....			44.76	1
43% Protein Cottonseed Cubes.....			43.08	1
43% Protein Coarse Cottonseed Meal.....			43.25	1
43% Protein Cottonseed Meal.....	43.01	44.40	43.87	3

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Chillicothe Cotton Oil Company, Chillicothe, Texas.				
43% Protein Coarse Cottonseed Meal.....	43.23	43.66	43.45	2
Clark Seed Company, Roy E., Brownsville, Texas.				
25% Protein Whole-Pressed Cottonseed.....			26.27	1
Clarksville Cotton Oil Company, Clarksville, Texas.				
Clarko 43% Protein Cottonseed Cake.....			44.25	1
Clarko 43% Protein Cottonseed Meal.....	42.79	43.98	43.26	3
Coleman Cotton Oil Mill, Coleman, Texas.				
43% Protein Cottonseed Cake.....	43.05	45.13	44.23	5
43% Protein Cottonseed Meal.....	41.04	43.18	42.34	3
Collin County Cotton Oil Company, McKinney, Texas.				
43% Protein Cottonseed Meal.....			44.09	1
Commerce Oil Mill Company, Commerce, Texas.				
43% Protein Sheep-Size Cottonseed Cake.....			43.05	1
43% Protein Cottonseed Meal.....	43.53	44.10	43.82	2
Continental Oil-Cotton Company, Colorado City, Texas.				
43% Protein Cottonseed Cake.....	43.43	45.59	44.51	2
43% Protein Cottonseed Meal.....	42.99	44.11	43.65	4
43% Protein Cottonseed Pellets.....			41.04	1
Cooper Cotton Oil Company, Cooper, Texas.				
43% Protein Pea-Size Cottonseed Cake.....			43.98	1
43% Protein Cottonseed Meal.....	44.51	45.10	44.81	2
Corpus Christi Cotton Oil Mill, Corpus Christi, Texas.				
43% Protein Cottonseed Meal.....	41.93	42.98	42.58	3
Coryell County Cotton Oil Company, Gatesville, Texas.				
43% Protein Cottonseed Cake.....	43.42	45.65	44.41	3
43% Protein Cottonseed Meal.....			42.17	1
Crockett Cotton Oil Mill, Crockett, Texas.				
43% Protein Cracked Cottonseed Cake.....			44.54	1
43% Protein Cottonseed Meal.....	40.49	41.65	41.07	2
Cuero Cotton Oil & Manufacturing Company, Cuero, Texas.				
43% Protein Cracked Cottonseed Cake.....			44.42	1
43% Protein Cottonseed Meal.....	42.89	43.88	43.29	5
Dallas Oil & Refining Company, Dallas, Texas.				
43% Protein Cottonseed Meal.....			41.91	1
43% Protein Cottonseed Pellets.....			43.37	1
Dawson County Cotton Oil Company, Lamesa, Texas.				
28% Protein Ground Whole-Pressed Cottonseed.....	30.31	32.19	31.13	3
28% Protein Whole-Pressed Cottonseed Flakes.....			29.63	1
28% Protein Whole-Pressed Cottonseed Pellets.....			28.10	1
DeSoto Oil Company, Memphis, Tennessee.				
41.12% Protein Ground Cottonseed Feed.....			40.55	

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
East Texas Cotton Oil Company, Kaufman, Texas.				
43% Protein Cottonseed Cake			43.19	1
43% Protein Cottonseed Meal	41.05	43.85	42.62	3
East Texas Cotton Oil Company, Palestine, Texas.				
43% Protein Nut-Size Cottonseed Cake	42.69	44.33	43.51	2
43% Protein Cottonseed Meal	41.15	43.54	42.91	7
East Texas Cotton Oil Company, Terrell, Texas.				
43% Protein Cottonseed Cake	42.65	43.20	42.92	2
43% Protein Cottonseed Cubes			42.61	1
43% Protein Cottonseed Meal	41.26	44.10	42.97	6
East Texas Cotton Oil Company, Tyler, Texas.				
43% Protein Cracked Cottonseed Cake			41.74	1
43% Protein Cottonseed Meal	40.48	43.80	42.02	6
Elgin Cotton Oil Company, Elgin, Texas.				
43% Protein Cottonseed Meal	39.70	43.99	41.40	5
41.12% Protein Ground Cottonseed Feed	39.75	42.53	41.14	2
Elk Cottonoil Co., Elk City, Oklahoma.				
Elk Brand 43% Protein Cracked Cottonseed Cake			42.70	1
Elk Brand 43% Protein Coarse Cottonseed Meal	41.40	42.88	42.14	2
Elk Brand 43% Protein Cottonseed Meal	42.19	42.67	42.43	2
Elk Brand 43% Protein Cottonseed Pellets			43.79	1
El Paso Cotton Industries, Inc., El Paso, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake			42.27	1
Paymaster Brand 43% Protein Cottonseed Meal	41.02	45.78	42.97	4
Farmers Cooperative Oil Mill, El Paso, Texas.				
43% Protein Cottonseed Meal	42.61	44.21	43.41	2
43% Protein Cottonseed Pellets			41.95	1
Farmers Cotton Oil Company, Texarkana, Texas.				
43% Protein Cottonseed Meal	42.12	43.21	42.84	4
Farmers Cotton Oil Company, Winnsboro, Texas.				
43% Protein Cottonseed Meal	42.52	43.50	43.08	3
Farmers Cottonseed Oil Mills, Inc., Granger, Texas.				
43% Protein Cottonseed Cake			44.12	1
43% Protein Cottonseed Meal	40.98	43.73	42.61	5
28% Protein Ground Whole-Pressed Cottonseed			31.69	1
28% Protein Whole-Pressed Cottonseed	28.54	29.83	29.21	4
Farmers Gin & Oil Mill, Laredo, Texas.				
28% Protein Whole-Pressed Cottonseed			27.46	1
25% Protein Whole-Pressed Cottonseed			27.68	1
Fidelity Products Company, Houston, Texas.				
43% Protein Cottonseed Meal	41.48	43.49	42.70	7
Flatonia Oil Mill Company, Flatonia, Texas.				
43% Protein Cottonseed Meal	42.71	43.64	43.18	3

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Gainesville Oil Mill, Gainesville, Texas. Golden Rod Brand 43% Protein Cottonseed Meal.....			42.20	1
Georgetown Oil Mill, Georgetown, Texas. 28% Protein Whole-Pressed Cottonseed.....	29.83	30.30	30.09	3
Gilmer Cotton Oil & Fertilizer Company, Gilmer, Texas. 43% Protein Cottonseed Meal.....	43.11	45.06	44.09	2
Gonzales Cotton Oil & Manufacturing Company, Gonzales, Texas. 43% Protein Cottonseed Meal.....	41.86	42.31	42.10	4
Greenville Cotton Oil Company, Greenville, Texas. Red Rooster Brand 43% Protein Cracked Cotton- seed Cake.....	42.92	43.30	43.13	3
Red Rooster Brand 43% Protein Cottonseed Meal...	42.30	43.78	43.28	7
Gutierrez & Company, Teodosio, Laredo, Texas. 25% Protein Whole-Pressed Cottonseed.....			28.15	1
Hamilton Cotton Oil Company, Shreveport, Louisiana. 43% Protein Cottonseed Meal.....	41.55	43.67	42.57	5
41.12% Protein Ground Cottonseed Feed.....	41.13	41.48	41.31	2
Hamilton Oil Mill Company, Hamilton, Texas. 43% Protein Cottonseed Cake.....	40.96	42.37	41.67	2
43% Protein Cottonseed Meal.....	39.69	41.04	40.34	3
Harlingen Cotton Oil Mill, Harlingen, Texas. 43% Protein Cottonseed Cake.....			41.74	1
43% Protein Cottonseed Meal.....	41.56	43.40	42.40	8
43% Protein Cottonseed Pellets.....			40.56	1
Hill County Cotton Oil Company, Hillsboro, Texas. 43% Protein Cottonseed Cake.....			43.66	1
43% Protein Pea-Size Cottonseed Cake.....			43.68	1
43% Protein Cottonseed Meal.....	41.16	43.20	42.10	7
Honey Grove Cotton Oil Company, The, Honey Grove, Texas. 43% Protein Cracked Cottonseed Cake.....			43.74	1
43% Protein Cottonseed Meal.....	42.06	42.54	42.30	2
Houston Cotton Oil Mill, Houston, Texas. Cotton Bloom Brand 43% Protein Cottonseed Meal.....	41.68	46.15	43.29	5
Houston Milling Company, Houston, Texas. 43% Protein Cottonseed Meal.....			42.58	1
Interstate Feed Company, Fort Worth, Texas. 43% Protein Cottonseed Cake.....			44.75	1
43% Protein Cottonseed Meal.....			43.03	1
Jackson County Cotton Oil Company, Ganado, Texas. Jaco 30% Protein Ground Whole-Pressed Cottonseed.....			30.64	1

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Jayton Cotton Oil Mill, Jayton, Texas.				
Chuck Wagon Brand 43% Protein Cottonseed Cake.....			42.24	1
Chuck Wagon Brand 43% Protein Cottonseed Meal.....			40.91	1
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	42.25	42.72	42.49	2
Josey-Miller Company, Inc., Beaumont, Texas.				
43% Protein Cottonseed Meal.....	39.09	40.74	39.92	2
Karbach Flax Mill, Corpus Christi, Texas.				
28% Protein Whole-Pressed Cottonseed Flakes.....	26.80	27.47	27.14	2
Kenedy Cotton Oil Mill, Kenedy, Texas.				
43% Protein Cottonseed Cake.....			44.71	1
43% Protein Cottonseed Meal.....	40.25	44.33	42.35	5
Kimbell Oil Mill, The, Huntsville, Texas.				
43% Protein Cottonseed Meal.....	42.35	44.25	43.30	2
Kimbell Oil Mill, The, Sherman, Texas.				
43% Protein Cottonseed Meal.....	41.93	43.20	42.67	4
LaGrange Cotton & Oil Manufacturing Company, LaGrange, Texas.				
43% Protein Cottonseed Cake.....			43.07	1
Lamar Cotton Oil Company, The, Paris, Texas.				
43% Protein Cottonseed Meal.....	42.72	44.33	43.53	2
Lavaca Oil Company, Hallettsville, Texas.				
43% Protein Cottonseed Meal.....			42.33	1
Lockhart Oil & Gin Company, Lockhart, Texas.				
43% Protein Cottonseed Cake.....			45.07	1
43% Protein Cottonseed Meal.....	41.93	44.12	43.10	3
Longview Cotton Oil Company, Longview, Texas.				
43% Protein Cottonseed Meal.....	42.25	44.55	43.40	2
Lubbock Cotton Oil Company, Lubbock, Texas.				
Lucko Brand 43% Protein Cottonseed Cake.....			43.97	1
Lucko Brand 43% Protein Cottonseed Cubes.....	42.03	44.55	43.21	3
Lucko Brand 43% Protein Cottonseed Meal.....	43.90	45.30	44.39	5
McCulloch County Cotton Oil Mill, Brady, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	42.75	45.16	44.18	3
Cotton Bloom Brand 43% Protein Cottonseed Meal.....			43.05	1
Cotton Bloom Brand 43% Protein Cottonseed Pellets.....			40.53	1
Magnolia Provision Company, Houston, Texas.				
43% Protein Cottonseed Meal.....			42.92	1
Marlin Oil Company, The, Marlin, Texas.				
43% Protein Cottonseed Cake.....	43.31	45.07	44.19	2
43% Protein Cottonseed Meal.....	41.44	44.28	42.54	10

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Marshall Cotton Oil Company, Marshall, Texas.				
43% Protein Cracked Cottonseed Cake.....	42.70	43.53	43.12	2
43% Protein Cottonseed Meal.....	41.45	44.18	42.96	6
Marshall Mill & Elevator Company, Marshall, Texas.				
43% Protein Cottonseed Meal.....	42.28	43.25	42.72	3
Mayfield Feed & Grain Company, Dalhart, Texas.				
43% Protein Cottonseed Pellets.....			42.26	1
Memphis Cotton Oil Company, Memphis, Texas.				
43% Protein Pebble-Size Cottonseed Cake.....			42.15	1
43% Protein Cottonseed Meal.....			42.55	1
Merchants & Planters Oil Company, Houston, Texas.				
43% Protein Cottonseed Meal.....	41.56	43.63	42.62	3
41.12% Protein Ground Cottonseed Feed.....			42.03	1
Midlothian Oil & Gin Company, Midlothian, Texas.				
43% Protein Cracked Cottonseed Cake.....			43.87	1
43% Protein Cottonseed Meal.....	41.70	44.70	43.21	4
Moulton Oil & Gin Company, Moulton, Texas.				
43% Protein Cottonseed Meal.....	42.66	43.50	43.08	2
Mount Pleasant Oil Mill, Mount Pleasant, Texas.				
43% Protein Cottonseed Cake.....			42.90	1
43% Protein Cottonseed Meal.....	42.44	43.54	42.96	5
Munger Cotton Oil Company, Mexia, Texas.				
43% Protein Cottonseed Meal.....	41.68	45.14	43.32	5
Munger Cotton Oil Company, Teague, Texas.				
43% Protein Cottonseed Cake.....	41.63	42.05	41.84	2
43% Protein Cottonseed Meal.....	42.36	43.60	43.03	5
Nacogdoches Oil Mill, The, Nacogdoches, Texas.				
Lone Star Brand 43% Protein Cottonseed Meal.....	41.66	44.01	43.02	5
Natchitoches Oil Mill, Inc., Natchitoches, Louisiana.				
41.12% Protein Ground Cottonseed Feed.....			39.00	1
Nevada County Cotton Oil Mill, Prescott, Arkansas.				
28% Protein Ground Whole-Pressed Cottonseed.....			26.48	1
Nutty Brown Mills, Houston, Texas.				
32% Protein Cottonseed Meal Screenings.....	26.67	31.96	29.32	2
Oil Mill & Fertilizer Works, Henderson, Texas.				
43% Protein Cracked Cottonseed Cake.....			42.82	1
43% Protein Cottonseed Meal.....	40.83	43.76	42.53	6
Opelousas Oil Mill, Opelousas, Louisiana.				
41.12% Protein Cracked Cottonseed Feed.....			39.88	1
41.12% Protein Ground Cottonseed Feed.....	39.92	41.53	40.56	4

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Otis Gin & Warehouse Company, Loving, New Mexico.				
43% Protein Cottonseed Cake.....			43.54	1
43% Protein Cottonseed Meal.....	42.47	43.57	43.03	3
Peoples Cotton Oil Company, Wharton, Texas.				
43% Protein Cottonseed Meal.....	43.02	44.35	43.64	3
Pincoffs Company, Maurice, Houston, Texas.				
Pinco Brand 43% Protein Cottonseed Meal.....	42.08	43.78	42.93	2
Pittsburg Cotton Oil Company, Pittsburg, Texas.				
43% Protein Cottonseed Cake.....			44.65	1
43% Protein Cottonseed Meal.....	43.29	44.95	44.12	2
Plains Cooperative Oil Mill, Lubbock, Texas.				
43% Protein Cottonseed Meal.....	42.65	45.77	43.62	4
43% Protein Cottonseed Pellets.....	43.11	44.23	43.67	2
Planters Cotton Oil Company, Dallas, Texas.				
Golden Rod Brand 43% Protein Cottonseed Cake.....			43.77	1
Golden Rod Brand 43% Protein Cottonseed Meal.....	42.30	43.97	42.95	6
Golden Rod Brand 43% Protein Cottonseed Pellets..	40.67	41.43	41.05	2
Planters Cotton Oil Company, Weatherford, Texas.				
43% Protein Cottonseed Meal.....			43.51	1
Planters Cotton Oil Mill, Ennis, Texas.				
43% Protein Cottonseed Meal.....	41.16	44.34	43.32	6
Producers Gin Company, Safford, Arizona.				
Cream of Safford Valley Brand 43% Protein Cotton- seed Meal.....			43.74	1
Quanah Cotton Oil Company, Quanah, Texas.				
43% Protein Cottonseed Cake.....			43.94	1
43% Protein Cottonseed Cubes.....	43.65	45.83	44.51	3
43% Protein Coarsely Ground Cottonseed Meal.....	43.24	45.92	44.21	4
43% Protein Cottonseed Meal.....	42.80	43.83	43.32	2
Red River Cotton Oil Company, Inc., Alexandria, Louisiana.				
43% Protein Cottonseed Cake.....			40.25	1
43% Protein Cottonseed Meal.....	40.31	42.94	41.64	3
41.12% Protein Ground Cottonseed Feed.....	37.90	41.08	40.16	5
Richmond Cotton Oil Company, Inc., Richmond, Texas.				
43% Protein Cottonseed Meal.....	40.90	43.44	41.85	4
Rio Grande Valley Cotton Oil Company, Clint, Texas.				
43% Protein Cottonseed Meal.....	42.05	42.82	42.48	4
Rosebud Oil & Cotton Company, Rosebud, Texas.				
43% Protein Cottonseed Cake.....	42.65	43.64	43.15	2
43% Protein Cottonseed Meal.....	41.85	44.51	43.42	4
Rule Cotton Oil Mill, Rule, Texas.				
Chuck Wagon Brand 43% Protein Cottonseed Meal..	40.88	42.35	41.78	3

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
San Antonio Oil Works, San Antonio, Texas.				
43% Protein Cottonseed Cake.....	44.17	44.95	44.56	2
43% Protein Cottonseed Meal.....	42.72	42.73	42.73	2
Saa Marcos Oil Mill, San Marcos, Texas.				
43% Protein Cottonseed Cake.....	43.28	45.16	44.22	2
43% Protein Cottonseed Meal.....			43.01	1
Schulenburg Oil Mill, Schulenburg, Texas.				
43% Protein Cottonseed Meal.....			43.35	1
Schumacher Oil Works, The H., Navasota, Texas.				
43% Protein Cottonseed Cake.....			43.30	1
43% Protein Cottonseed Meal.....	42.80	43.19	43.00	2
Sealy Oil Mill & Manufacturing Company, Sealy, Texas.				
43% Protein Cottonseed Meal.....	41.94	43.57	42.76	2
Seguin Cotton Oil Company, The, Seguin, Texas.				
43% Protein Screened Cracked Cottonseed Cake.....			44.60	1
43% Protein Cottonseed Meal.....	43.17	44.16	43.70	3
Shiner Oil Mill & Manufacturing Company, Shiner, Texas.				
43% Protein Cottonseed Meal.....	41.03	42.32	41.68	2
Simmonds & Perry, Robstown, Texas.				
28% Protein Whole-Pressed Cottonseed.....			28.00	1
Smithville Oil Mill Company, Smithville, Texas.				
43% Protein Cottonseed Cake.....	42.76	44.20	43.48	2
43% Protein Cottonseed Meal.....	41.87	43.19	42.46	4
Southland Cotton Oil Company, Corsicana, Texas.				
43% Protein Screened Cracked Cottonseed Cake.....			44.14	1
43% Protein Cottonseed Meal.....	40.37	44.30	42.27	6
Southland Cotton Oil Company, Paris, Texas.				
Southland's 43% Protein Screened Cracked Cotton- seed Cake.....			43.78	1
Southland's 43% Protein Cottonseed Meal.....	42.90	43.92	43.34	3
Southland Cotton Oil Company, Shreveport, Louisiana.				
43% Protein Cottonseed Meal.....	42.52	44.41	43.43	6
41.12% Protein Ground Cottonseed Feed.....			40.65	1
Southland Cotton Oil Company, Temple, Texas.				
43% Protein Cottonseed Cake.....	39.91	45.20	43.23	5
43% Protein Cottonseed Meal.....	41.74	43.58	42.60	5
Southland Cotton Oil Company, Waxahachie, Texas.				
43% Protein Cottonseed Cake.....	41.55	43.16	42.36	2
43% Protein Cottonseed Meal.....	40.70	44.49	42.62	14
43% Protein Cottonseed Pellets.....			41.00	1
41.12% Protein Ground Cottonseed Feed.....			41.70	1

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
South Texas Cotton Oil Company, Austin, Texas.				
43% Protein Cracked Cottonseed Cake.....			44.01	1
43% Protein Pebble-Size Cottonseed Cake.....			42.90	1
43% Protein Cottonseed Meal.....	41.83	43.97	43.30	4
South Texas Cotton Oil Company, Brownsville, Texas.				
28% Protein Ground Whole-Pressed Cottonseed.....	27.82	28.10	27.96	2
28% Protein Whole-Pressed Cottonseed.....			28.80	1
South Texas Cotton Oil Company, Corpus Christi, Texas.				
43% Protein Cottonseed Cake.....			44.40	1
43% Protein Cottonseed Meal.....	42.07	45.09	43.36	6
South Texas Cotton Oil Company, Harlingen, Texas.				
43% Protein Cottonseed Meal.....	42.00	42.58	42.29	2
28% Protein Ground Whole-Pressed Cottonseed.....	28.20	28.86	28.47	3
South Texas Cotton Oil Company, Hearne, Texas.				
43% Protein Cracked Cottonseed Cake.....	42.10	44.10	43.04	6
43% Protein Cottonseed Meal.....	41.50	43.60	42.76	8
South Texas Cotton Oil Company, Houston, Texas.				
43% Protein Screened Cracked Cottonseed Cake.....			44.30	1
43% Protein Cottonseed Meal.....			41.40	1
28% Protein Whole-Pressed Cottonseed.....			29.31	1
South Texas Cotton Oil Company, Robstown, Texas.				
43% Protein Cottonseed Meal.....	41.57	44.21	43.00	4
South Texas Cotton Oil Company, Taylor, Texas.				
43% Protein Nut-Size Cottonseed Cake.....			45.21	1
43% Protein Pea-Size Cottonseed Cake.....	43.57	45.15	44.57	3
43% Protein Sheep-Size Cottonseed Cake.....			42.07	1
43% Protein Cottonseed Cubes.....			43.19	1
43% Protein Cottonseed Meal.....	40.78	44.23	42.17	5
43% Protein Cottonseed Pellets.....	40.82	42.31	41.57	2
South Texas Cotton Oil Company, Victoria, Texas.				
43% Protein Cottonseed Meal.....	42.05	43.13	42.59	3
43% Protein Cottonseed Pellets.....	42.36	43.57	42.97	2
Stamford Cotton Oil Mill, Stamford, Texas.				
Chuck Wagon Brand 43% Protein Cottonseed Meal.....	41.55	43.63	42.53	6
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	42.18	43.30	42.74	2
Sulphur Springs Cotton Oil Company, Sulphur Springs, Texas.				
43% Protein Cottonseed Meal.....	42.48	43.16	42.82	2
Sweetwater Cotton Oil Company, Sweetwater, Texas.				
43% Protein Cottonseed Cake.....	41.77	45.25	43.82	3
43% Protein Cottonseed Cubes.....	42.35	45.26	43.83	7
43% Protein Cottonseed Meal.....	42.56	44.23	43.33	6
28% Protein Whole-Pressed Cottonseed.....			29.91	1
Taft Cotton Oil Company, Taft, Texas.				
43% Protein Cottonseed Meal.....	43.85	43.99	43.92	2

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Temple Cotton Oil Company, Ashdown, Arkansas.				
43% Protein Cottonseed Meal.....			43.27	1
Texarkana Cotton Oil Corporation, Texarkana, Arkansas-Texas.				
43% Protein Nut-Size Cottonseed Cake.....			41.97	1
43% Protein Cottonseed Meal.....	43.26	43.74	43.49	3
Texas Cotton Industries, Marfa, Texas.				
28% Protein Whole-Pressed Cottonseed.....			28.70	1
28% Protein Whole-Pressed Cottonseed Pellets.....	25.86	28.26	27.06	2
Texas Refining Company, Greenville, Texas.				
43% Protein Cracked Cottonseed Cake.....			43.44	1
43% Protein Cottonseed Meal.....	43.07	44.60	43.62	4
Tobian & Company, Louis, Dallas, Texas.				
43% Protein Cottonseed Cake.....			43.04	1
43% Protein Cottonseed Meal.....	42.27	44.40	43.28	5
Navy Brand 41.12% Protein Ground Cottonseed Feed.....	39.79	40.04	39.92	2
28% Protein Whole-Pressed Cottonseed.....	25.55	27.38	26.63	5
Tornillo Cotton Oil Company, Tornillo, Texas.				
28% Protein Ground Whole-Pressed Cottonseed.....	25.78	26.96	26.42	3
28% Protein Whole-Pressed Cottonseed.....	28.30	28.40	28.35	2
28% Protein Whole-Pressed Cottonseed Cubes.....			28.09	1
Traders Oil Mill Company, Fort Worth, Texas.				
43% Protein Cracked Cottonseed Cake.....	42.20	44.46	43.18	9
43% Protein Cottonseed Meal.....	42.56	49.40	44.27	9
43% Protein Cottonseed Pellets.....	41.82	44.62	42.73	6
Trinity Cotton Oil Company, Dallas, Texas.				
43% Protein Cottonseed Meal.....	42.30	44.71	43.56	5
Union Oil Mills, Hubbard, Texas.				
43% Protein Cottonseed Meal.....	42.09	44.29	43.38	3
Union Oil Mill, Inc., The, West Monroe, Louisiana.				
43% Protein Cottonseed Meal.....			43.21	1
Union 43% Protein Cottonseed Pellets.....			43.43	1
41.12% Protein Ground Cottonseed Feed.....			41.33	1
Van Alstyne Cotton Oil Company, Van Alstyne, Texas.				
43% Protein Cottonseed Meal.....	42.84	43.88	43.36	2
Vernon Cotton Oil Company, Vernon, Texas.				
43% Protein Cottonseed Cake.....			42.95	1
43% Protein Coarsely Ground Cottonseed Meal.....	42.09	43.59	42.71	3
43% Protein Cottonseed Meal.....	42.47	42.59	42.53	2
43% Protein Cottonseed Pellets.....			43.24	1
41.12% Protein Ground Cottonseed Feed.....	40.18	40.81	40.50	2
Waco Cotton Oil Mill, Waco, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Cake.....			42.04	1
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	41.11	44.08	42.57	6

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Warnken & Sons, A. D., Poth, Texas.				
28% Protein Ground Whole-Pressed Cottonseed.....	28.05	28.70	28.38	2
28% Protein Whole-Pressed Cottonseed.....	28.66	29.27	28.97	2
Weimar Oil Mill, Inc., Weimar, Texas.				
43% Protein Cottonseed Cake.....			43.93	1
43% Protein Cottonseed Meal.....	44.33	44.37	44.35	2
West Cotton Oil Mill, West, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	43.54	43.91	43.73	2
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	41.73	44.98	43.44	4
West Texas Cottonoil Co., Abilene, Texas.				
Paymaster Brand 43% Protein Cottonseed Cubes.....			40.51	1
Paymaster Brand 43% Protein Cottonseed Meal.....	42.55	44.44	43.59	4
Paymaster Brand 43% Protein Cottonseed Pellets.....			43.26	1
West Texas Cottonoil Co., Ballinger, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake.....	43.69	44.12	43.91	2
Paymaster Brand 43% Protein Cottonseed Meal.....	39.18	43.24	41.21	2
West Texas Cottonoil Co., Littlefield, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake.....			41.76	1
Paymaster Brand 43% Protein Cottonseed Meal.....	41.98	45.33	43.78	6
West Texas Cottonoil Co., Munday, Texas.				
Paymaster Brand 41.12% Protein Ground Cottonseed Feed.....	42.73	43.76	43.25	2
West Texas Cottonoil Co., Plainview, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake.....			46.84	1
Paymaster Brand 43% Protein Pebble-Size Cottonseed Cake.....			39.35	1
Paymaster Brand 43% Protein Cottonseed Cubes.....			44.66	1
Paymaster Brand 43% Protein Coarse Cottonseed Meal.....			41.76	1
Paymaster Brand 43% Protein Cottonseed Meal.....	43.72	45.82	44.77	2
West Texas Cottonoil Co., San Angelo, Texas.				
Paymaster Brand 43% Protein Cottonseed Cubes.....	40.80	44.30	42.55	2
West Texas Cottonoil Co., Shamrock, Texas.				
Paymaster Brand 43% Protein Coarsely Ground Cottonseed Meal.....			43.20	1
Paymaster Brand 43% Protein Cottonseed Meal.....			43.23	1
Paymaster Brand 43% Protein Cottonseed Pellets.....	38.70	43.18	40.58	3
Paymaster Brand 28% Protein Ground Whole-Pressed Cottonseed.....	29.12	29.86	29.49	2
Paymaster Brand 28% Protein Whole-Pressed Cottonseed Pellets.....			29.51	1
West Texas Cottonoil Co., Slaton, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake.....			46.48	1
Paymaster Brand 43% Protein Coarse Cottonseed Meal.....			44.04	1
Paymaster Brand 43% Protein Cottonseed Meal.....	43.35	45.53	44.20	5
Paymaster Brand 43% Protein Cottonseed Pellets.....			44.03	1

Table 14. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1939, to August 31, 1940—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
West Texas Cottonoil Co., Winters, Texas. Paymaster Brand 43% Protein Cottonseed Meal....	42.01	44.63	43.32	2
Western Feeders Supply Company, Fort Worth, Texas. 43% Protein Cottonseed Meal.....			43.52	1
Wharton County Cotton Oil Mill, El Campo, Texas. 28% Protein Whole-Pressed Cottonseed.....			28.10	1
25% Protein Whole-Pressed Cottonseed.....			29.88	1
Wheeler Cotton Oil Company, Inc., Wheeler, Texas. 28% Protein Ground Whole-Pressed Cottonseed.....			29.05	1
28% Protein Whole-Pressed Cottonseed Pellets.....	27.64	27.76	27.70	2
Wingo Oil Mill, Wills Point, Texas. 43% Protein Cottonseed Flakes.....			48.16	1
43% Protein Cottonseed Meal.....	42.85	50.18	46.05	4
Womble Oil Mill Company, Caldwell, Texas. 43% Protein Nut-Size Cottonseed Cake.....			44.73	1
43% Protein Cottonseed Meal.....	42.76	44.55	43.66	2
Wood County Cotton Oil Company, Mineola, Texas. 43% Protein Cottonseed Meal.....	43.42	43.70	43.56	2
Yorktown Cotton Oil & Manufacturing Company, Yorktown, Texas. 43% Protein Sheep-Size Cottonseed Cake.....			44.07	1
43% Protein Cottonseed Meal.....	42.39	43.10	42.72	5

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940

(The guaranties are printed in italics following brand names.)

Legend: The italic super-letters in this table indicate the following: *a*, Not tagged, but tags furnished. Amount in stock removed from sale until tagged; *b*, Amount in stock removed from sale and relabeled; *c*, Refund paid; *d*, Sampled before registration; *e*, Registration adjusted; *f*, Amount in stock returned to seller; *g*, Not registered; *h*, Amount in stock removed from sale; *i*, Not tagged; *j*, Obsolete tags attached; *k*, Tags not printed according to registration.

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Acme Flour Mills Company, The. Oklahoma City, Oklahoma.							
Wheat Gray Shorts and Screenings....	16.00	3.50	6.00	55.00	.....	.....	135C
Analysis ^a <i>el</i>	18.29	4.15	4.53	56.85	11.71	4.47	425F
Analysis.....	18.32	3.82	5.59	56.93	11.68	3.66	484F
Analysis.....	18.97	3.96	5.45	56.15	11.70	3.77	112M
Acme DeLuxe Growing Mash.....							
Analysis ^a <i>ff</i>	17.38	3.92	6.51	54.49	10.40	7.30	426F
Ada Milling Company. Ada, Oklahoma.							
Wheat Gray Shorts.....	17.00	3.50	6.00	55.00	.....	.....	1015E
Analysis.....	17.06	3.60	4.74	57.67	13.70	3.23	192W
Cambric Egg Mash.....	18.00	3.60	6.50	47.00	.....	.....	1015I
Analysis.....	18.86	4.45	7.25	49.32	9.68	10.44	411T
Winner Brand Egg Mash.....	18.50	3.80	6.30	49.00	.....	.....	1015A3
Analysis.....	19.97	5.15	6.79	49.05	8.37	10.67	117T
Analysis.....	19.96	5.38	7.84	49.72	8.82	8.28	179T
Adolphus Rice Milling Company. Houston, Texas.							
Rice Bran containing Precipitated Carbonate of Lime.....	11.00	10.00	15.00	42.00	.....	.....	1053A
Analysis.....	13.41	15.39	9.79	39.74	9.60	12.07	73M
Analysis.....	12.39	12.57	14.24	39.33	7.98	13.49	47T
Rice Polishings containing Precipitated Carbonate of Lime.....	11.00	6.00	4.00	55.00	.....	.....	1053B
Analysis.....	12.96	14.00	2.99	51.86	10.03	8.16	181M
Alameda Fuel & Grain Company. El Paso, Texas.							
Alameca "Keeno" Dairy Feed.....	16.60	3.80	10.00	52.00	.....	.....	165A
Analysis.....	17.12	4.20	7.99	57.22	7.80	5.67	321S
Alameca "Keeno" Mash.....	15.50	4.00	7.00	55.00	.....	.....	165B
Analysis ^a	17.55	5.32	6.87	54.56	8.55	7.15	248S
Alamo Cotton Oil Mill. San Antonio, Texas.							
Cotton Bloom Brand 43% Protein							
Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	606D
Analysis ^b <i>c3</i>	41.63	5.65	13.65	27.72	5.96	5.39	37H
Analysis.....	42.62	6.10	12.50	26.55	6.61	5.62	45H
Analysis ^b <i>e</i>	41.28	6.72	11.76	27.96	7.02	5.26	98H
Analysis.....	43.27	6.01	10.38	27.15	6.92	6.27	195H
Analysis.....	43.64	7.38	9.00	27.00	6.70	6.28	287H
Analysis.....	43.71	6.17	11.08	26.72	6.72	5.60	263K
Cotton Bloom Brand 43% Protein							
Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	606E
Analysis.....	44.27	5.21	10.97	28.37	5.74	5.44	40H
Analysis.....	43.00	4.81	12.92	27.45	6.35	5.47	43H
Cotton Bloom Brand Laying Mash.....	20.50	4.00	6.50	45.00	.....	.....	606R
Analysis.....	20.72	5.47	6.00	47.60	8.38	11.83	159H
Cotton Bloom Brand 24% Protein							
Dairy Feed.....	24.00	4.00	10.50	40.00	.....	.....	606U
Analysis.....	25.82	5.39	10.92	41.42	8.68	7.77	248H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.¹Corn meal present.²41% soybean oil meal claimed, not found.³Excess of cottonseed hulls present.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Alamo Cotton Oil Mill, San Antonio, Texas—Continued.							
Cotton Bloom Brand Chick Starter...	19.00	4.00	5.50	52.00			606V
Analysis.....	20.12	5.15	3.31	55.48	9.17	6.77	350H
Analysis.....	21.02	4.92	5.26	51.23	10.18	7.39	424H
Cotton Bloom Brand Growing Mash.	18.50	4.00	5.50	53.00			606W
Analysis ⁱ	19.85	5.08	3.57	55.44	9.37	6.69	351H
Cotton Bloom Brand 16% Protein Dairy Feed.	16.00	3.50	11.00	49.00			606X
Analysis.....	18.44	4.65	9.30	48.86	11.50	7.25	289H
Panther Brand Mixed Feed Pellets.	28.00	4.00	24.50	29.00			606Z
Analysis.....	26.89	4.65	24.47	30.85	8.63	4.51	249H
Cotton Bloom Brand 20% Protein Range Feed Pellets.	20.00	3.50	10.50	42.50			606A4
Analysis.....	20.94	4.47	10.68	45.37	9.55	8.99	290H
Consumers' Special Brand Laying Mash.	18.00	4.00	7.00	48.50			606A8
Analysis.....	18.82	5.00	6.78	50.26	8.89	10.25	160H
Albers Bros. Milling Company, Seattle, Washington.							
Calf Manna Pellets.	25.00	4.00	5.00	48.00			445A
Analysis ^a	27.05	3.84	3.69	50.17	7.75	7.50	171H
Alice Cotton Oil Company, Alice, Texas.							
28% Protein Whole-Pressed Cottonseed.	28.00	5.00	25.00	29.00			1050B
Analysis.....	29.20	4.97	23.68	32.47	4.69	4.99	9H
Analysis.....	29.29	5.43	22.11	32.99	5.83	4.35	23H
Analysis.....	28.18	6.51	23.77	31.20	6.07	4.27	271H
Analysis.....	29.50	5.33	23.53	31.10	5.95	4.59	95W
43% Protein Cottonseed Meal.	43.00	6.00	12.00	23.00			1050D
Analysis ^{b c}	41.68	6.13	12.11	28.60	6.42	5.06	24H
Analysis ^e	42.05	6.68	12.73	28.17	4.99	5.38	41H
Analysis.....	42.85	6.20	11.89	26.91	6.62	5.53	94H
Analysis ^{b c}	41.20	6.94	12.62	27.35	6.86	5.03	178H
Analysis.....	44.65	6.35	11.14	25.52	6.59	5.75	274H
Laying Mash with Iron Oxide.	18.50	3.50	7.50	47.50			1050H
Analysis ^e	20.30	4.80	5.72	50.29	9.29	9.60	95H
Laying Mash.	18.50	3.50	7.50	47.50			1050H
Analysis.....	20.38	5.99	5.41	48.79	10.29	9.14	342H
25% Protein Whole-Pressed Cottonseed.	25.00	5.00	25.00	29.00			1050J
Analysis ^a	25.06	5.88	27.92	29.48	6.78	4.88	410H
All-Mash Chick Starter.	17.00	4.00	6.00	51.00			1050L
Analysis.....	17.60	4.83	5.76	54.28	10.50	7.03	409H
Dairy Feed.	15.00	3.00	8.50	53.00			1050N
Analysis.....	16.44	3.19	8.54	53.12	12.63	6.08	408H
Stock Feed containing Ear Corn Chop with Husk and Molasses.	15.00	3.20	13.50	49.00			1050Z
Analysis.....	16.00	3.43	14.47	50.58	10.87	4.65	96H
Analysis.....	17.29	3.52	15.14	49.70	10.20	4.15	273H
Allen Feed Mill, Lonnie, Cleburne, Texas.							
Ground Whole Oats.	11.00	4.00	12.00	58.00			38A
Analysis.....	11.35	5.12	10.98	56.61	10.44	5.50	470W
Allied Mills, Inc., Chicago, Illinois.							
Alfalfa Meal.	13.50	1.50	33.00	35.00			2200B
Analysis ^{i j}	15.58	1.80	26.10	36.57	9.15	10.80	309F

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Alva Roller Mills, The. Alva, Oklahoma.							
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	127A
Analysis.....	18.19	4.24	5.40	57.92	9.96	4.29	1W
Wheat Mixed Feed and Screenings...	16.00	3.50	8.50	52.00	.....	.....	127B
Analysis.....	18.14	4.67	8.15	55.36	7.99	5.69	19K
Amarillo Cotton Oil Company, Amarillo, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1441A
Analysis ^b	42.10	6.19	12.13	27.99	6.50	5.09	188K
Analysis.....	45.05	6.05	9.39	26.81	6.47	6.23	286K
Analysis.....	42.61	6.07	10.39	29.24	6.25	5.44	451K
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1441B
Analysis ^a	44.49	6.10	11.36	27.49	5.44	5.12	103K
Analysis.....	45.34	5.91	9.67	28.35	5.62	5.11	179K
Analysis.....	44.10	6.17	11.72	26.55	6.08	5.38	186K
Analysis.....	43.47	6.25	10.49	28.72	5.94	5.13	222K
Analysis.....	42.69	6.41	11.09	28.54	6.19	5.08	225K
Analysis.....	43.80	6.14	9.98	28.45	6.37	5.26	364K
Analysis.....	44.06	6.68	9.36	28.93	5.82	5.15	399K
43% Protein Cottonseed Cubes.....	43.00	6.00	12.00	23.00	.....	.....	1441H
Analysis.....	43.13	6.20	11.45	27.93	6.30	4.99	128K
43% Protein Coarse Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1441I
Analysis ^c	41.83	6.24	12.83	28.89	5.08	5.13	199K
American Butter Company, Kansas City, Missouri.							
Dried Greens-Buttermilk.....	20.00	4.00	19.00	35.00	.....	.....	2042B
Analysis ^a	21.81	4.07	13.26	39.63	5.20	16.03	289F
Anchor Mills Company, Waco, Texas.							
Corn Bran.....	8.00	5.00	12.00	60.00	.....	.....	1958A
Analysis.....	8.78	6.24	9.72	62.77	10.10	2.39	147W
9% Protein Sweet Feed.....	9.00	1.50	25.00	41.00	.....	.....	1958G
Analysis ⁵	9.20	1.39	20.63	45.32	12.66	10.80	354W
O. K. Brand Chick Starter.....	17.00	3.50	6.00	52.00	.....	.....	1958J
Analysis ⁶	20.47	5.16	5.50	53.82	9.50	5.55	339W
O. K. Brand Growing Mash.....	15.50	3.50	6.50	53.00	.....	.....	1958L
Analysis ⁶	19.04	4.99	6.18	55.02	9.19	5.58	507W
O. K. Brand Horse and Mule Feed...	10.00	3.00	8.00	59.00	.....	.....	1958N
Analysis ⁷	10.84	3.71	7.44	61.47	10.80	5.74	430W
O. K. Brand Turkey Starter.....	21.00	3.60	6.00	48.00	.....	.....	1958O
Analysis.....	22.97	4.76	5.37	50.56	8.69	7.65	438W
Anderson, C. J., Waco, Texas.							
Anderson's Excel Brand Dairy Feed..	21.00	3.80	8.00	48.00	.....	.....	1562A
Analysis.....	21.90	5.08	7.38	50.73	10.33	4.58	144W
Anderson, L. T., Cameron, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	461A
Analysis.....	9.45	3.12	9.94	65.12	9.66	2.71	491W
Anderson Feed Mill, Stephenville, Texas.							
Laying Mash.....	20.00	4.00	7.50	49.00	.....	.....	2191D
Analysis.....	20.26	5.03	5.95	51.60	10.05	7.11	154T
Anderson's AA Chick Starter.....	17.00	3.50	6.00	52.00	.....	.....	2191N
Analysis.....	18.82	5.77	5.38	52.04	11.21	6.78	437T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴Cottonseed cubes.⁵Excess of salt found.⁶Deficient in precipitated calcium carbonate.⁷Ground rice hulls found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939,
to August 31, 1940—Continued
(The guaranties are printed in *italics* following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Angelo Feed & Grain Company, San Angelo, Texas.							
Angelo Dairy Feed.....	19.00	3.60	11.00	45.00	.....	.....	2675A
Analysis ⁸	19.47	3.73	12.66	50.68	7.44	6.02	51S
Chowmix Laying Mash.....	18.00	3.50	8.00	48.00	.....	.....	2675F
Analysis.....	20.75	4.56	5.28	53.72	9.28	6.41	400S
Chowmix Hog Feed B.....	14.00	3.00	6.00	56.00	.....	.....	2675G
Analysis ⁹	17.14	3.45	3.63	61.68	9.69	4.41	449S
Chowmix 18% Protein Dairy Feed...	18.00	3.50	12.00	46.00	.....	.....	2675H
Analysis ¹⁰	21.30	3.68	9.33	50.98	9.08	5.63	399S
Anheuser-Busch, Inc., Saint Louis, Missouri.							
Corn Gluten Feed.....	23.00	2.00	8.50	46.00	.....	.....	1131A
Analysis ¹¹	26.10	1.64	7.89	47.55	10.09	6.73	274F
Budweiser Brewers' Dried Grains....	24.00	5.00	17.00	40.00	.....	.....	1131B
Analysis ¹²	24.20	5.85	16.72	39.97	9.50	3.76	368T
Apache Packing Company, San Antonio, Texas.							
47% Protein Meat and Bone Scraps..	47.00	6.00	3.00	0.00	.....	.....	829C
Analysis ¹²	46.92	13.54	1.02	1.68	7.17	29.67	26H
Archer-Daniels-Midland Company, Minneapolis, Minnesota, and Branches.							
37% Protein Old Process Linseed Meal	37.00	4.50	9.00	32.00	.....	.....	1197B
Analysis.....	39.73	5.18	7.24	34.38	8.00	5.47	295M
44% Protein Soybean Oil Meal.....	44.00	0.50	7.00	29.00	.....	.....	1197E
Analysis ¹³	46.22	.67	5.29	33.49	8.57	5.76	158F
Analysis ¹³	47.65	.73	4.60	32.72	8.69	5.61	162F
Analysis.....	47.12	.90	5.19	28.95	11.40	6.44	282H
Analysis.....	48.21	.87	5.02	30.59	9.59	5.72	435K
Analysis ¹³	47.67	.53	5.47	30.23	10.12	5.98	539K
Analysis.....	47.12	.53	4.96	30.60	11.15	5.64	243W
Archer Grain Company, Inc., Houston, Texas.							
Washington County 5 Egg Mash.....	18.00	3.50	7.00	48.50	.....	.....	846A
Analysis.....	19.85	4.04	6.47	50.69	9.28	9.67	56M
Archer's XXX Egg Mash.....	19.50	4.00	6.00	44.00	.....	.....	846C
Analysis.....	22.10	4.21	5.12	50.25	10.46	7.86	354M
Archer's XXX Starter Mash.....	19.00	3.70	5.50	49.00	.....	.....	846E
Analysis.....	20.21	4.50	4.85	52.47	10.45	7.52	401M
Archer's XXX Growing Mash.....	17.00	3.50	6.00	50.00	.....	.....	846F
Analysis.....	20.25	4.26	5.72	51.44	9.95	8.38	402M
XXX Dairy Feed.....	17.50	4.50	15.00	42.00	.....	.....	846J
Analysis.....	17.80	5.23	13.33	44.50	10.03	9.11	356M
XXX Calf Meal.....	17.00	3.30	6.50	54.00	.....	.....	846M
Analysis.....	19.89	3.90	5.29	55.46	9.43	6.03	243M
Centennial Brand Laying Mash.....	19.00	4.00	6.50	50.00	.....	.....	846A2
Analysis.....	21.42	4.71	4.91	54.16	8.93	5.87	70M
Archer's XXX Broiler Mash.....	19.00	3.50	6.50	49.00	.....	.....	846A4
Analysis.....	20.47	3.78	4.15	54.01	11.10	6.49	355M
XXX Growing Mash.....	16.50	4.30	6.00	53.00	.....	.....	846B1
Analysis.....	18.90	4.32	5.34	52.77	9.65	9.02	403M
Archer's Summer Dairy Feed.....	18.00	5.00	14.00	41.50	.....	.....	846B7
Analysis.....	20.14	7.61	11.00	42.45	8.51	10.29	133M

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

⁸Alfalfa meal found, not claimed.

⁹Cane molasses claimed, not found. Barley hulls found, not claimed.

¹⁰34% protein linseed meal, 41% protein soybean oil meal, and steamed bone meal claimed, not found.

¹¹Manufactured by Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.

¹²Animal hair present.

¹³Soybean oil meal pellets.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Archer Grain Company, Inc., Houston, Texas—Continued.							
Special Horse and Mule Feed.....	10.00	3.40	9.00	50.00	.....	.....	846B8
Analysis.....	10.32	4.19	7.04	62.38	11.52	4.55	294M
Peanut Hulls, Molasses, Corn Chop, Oat Hulls, Alfalfa Stem Meal, Screenings, and Salt.....	6.50	1.00	30.00	44.00	.....	.....	846C4
Analysis.....	9.35	1.10	26.07	44.05	12.18	7.25	134M
Arkansas City Flour Mills Company, The, Arkansas City, Kansas.							
Wheat Gray Shorts and Screenings...	16.00	3.50	6.00	55.00	.....	.....	1670A
Analysis.....	18.42	4.19	5.47	57.57	10.64	3.71	480F
Analysis ¹⁴	18.16	3.79	5.83	57.24	11.24	3.74	265M
Analysis.....	18.06	4.48	5.85	56.06	11.78	3.77	198T
Arlington Grain Company, Arlington, Texas.							
Barrett's Best Starting Mash.....	19.00	4.00	5.00	53.00	.....	.....	2379M
Analysis.....	19.75	4.85	3.55	54.21	9.72	7.92	418T
Armour and Company, Chicago, Illinois, and Branches.							
Armour's 50% Protein Feeding Tank- age with Bone.....	50.00	6.00	3.00	0.00	.....	.....	541C
Analysis ¹⁵	51.22	8.52	1.63	1.67	6.60	30.36	256K
Armour's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	541G
Analysis.....	50.86	8.08	1.86	1.61	7.68	29.91	339M
Analysis.....	51.06	8.29	1.56	2.05	6.67	30.37	305S
Analysis ^a	51.59	8.80	1.86	1.01	6.90	29.84	335T
Armour's 60% Protein Digester Tankage.....	60.00	6.00	3.00	0.00	.....	.....	541K
Analysis ^a	60.85	6.93	1.36	1.19	8.25	21.42	433F
Analysis.....	60.61	6.77	1.28	1.62	7.45	22.27	423M
Athens Oil Mill, Athens, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	567F
Analysis.....	42.88	7.57	10.27	27.89	5.77	5.62	94F
Analysis.....	42.95	6.90	9.70	28.43	6.74	5.28	189F
Analysis ^{b c}	41.57	6.66	10.16	28.23	7.90	5.48	276F
Auge Packing Company, Ed., San Antonio, Texas.							
50% Protein Meat and Bone Scraps..	50.00	6.00	3.00	0.00	.....	.....	1724A
Analysis ^{e16}	47.07	13.02	1.51	1.91	6.55	29.94	75H
Analysis.....	50.40	8.14	1.99	.67	6.85	32.95	158H
50% Protein Feeding Tankage.....	50.00	4.00	3.50	0.00	.....	.....	1724B
Analysis ¹⁷	70.69	2.88	2.36	3.37	13.94	6.76	355H
Austin Mill & Grain Company, Brownwood, Texas.							
Red Arrow Baby Chick Starter.....	15.00	3.20	5.00	48.00	.....	.....	231G
Analysis.....	16.62	4.82	3.81	57.28	9.41	8.06	361S
Red Arrow Growing Mash.....	16.00	3.50	7.00	50.00	.....	.....	231I
Analysis.....	17.75	4.71	5.37	53.93	9.69	8.55	422S
Red Arrow Egg Mash.....	18.00	3.60	8.00	47.00	.....	.....	231Q
Analysis.....	19.99	4.54	6.53	49.96	11.48	7.50	219S
Gold Arrow Egg Mash with Charcoal	20.00	3.80	7.50	45.50	.....	.....	231W
Analysis ^e	20.70	4.82	5.75	48.85	9.24	10.64	60S

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.¹⁴Excess of ground wheat screenings present.¹⁵Stomach contents found.¹⁶2.4% of calcium carbonate found. Animal hair present.¹⁷Large amount of dried blood found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Austin Mill & Grain Company, Brownwood, Texas—Continued.							
Gold Arrow Egg Mash.....	20.00	3.80	7.50	45.50	.....	.....	231W
Analysis.....	22.19	5.29	3.65	50.02	8.53	10.32	404S
Gold Arrow Baby Chick Starter with Buttermilk.....	16.50	3.80	5.00	53.00	.....	.....	231Y
Analysis.....	17.24	4.95	4.59	56.79	9.65	6.78	360S
Texan Sweet Feed.....	9.30	2.80	10.00	58.00	.....	.....	231B6
Analysis.....	12.35	3.53	9.66	54.93	11.88	7.65	452S
L. & N. Special Cow Feed.....	15.00	3.00	8.00	45.00	.....	.....	231B9
Analysis.....	17.30	3.61	8.53	50.73	13.28	6.55	296S
Aztec Flour Mill, Nuevo Laredo, Mexico.							
Wheat Mixed Feed and Screenings...	16.00	3.50	8.50	52.00	.....	.....	1512A
Analysis ¹⁸	16.82	4.19	9.96	56.87	6.59	5.57	22H
Bailey's Feed Store, Rosenberg, Texas.							
Red Star Dairy Feed.....	24.00	4.00	12.00	40.00	.....	.....	1392A
Analysis ^{b, k}	22.84	3.93	9.49	43.68	11.73	8.33	476M
Red Star Chicken Feed.....	10.00	3.00	4.50	67.00	.....	.....	1392B
Analysis ^k	10.70	3.25	1.91	72.50	10.37	1.27	210M
Red Star 16% Protein Cow Feed.....	16.00	6.50	15.00	38.00	.....	.....	1392C
Analysis ^{k19}	16.60	7.29	13.84	39.19	10.22	12.86	209M
Red Star Growing Mash.....	18.00	4.00	5.00	49.00	.....	.....	1392G
Analysis.....	20.00	4.35	3.90	51.60	9.62	10.53	109M
Red Star Egg Mash with Charcoal...	19.00	3.80	7.00	50.00	.....	.....	1392K
Analysis.....	22.30	4.20	5.61	48.19	9.81	9.89	108M
Red Star Hog and Pig Feed.....	14.00	5.80	8.00	36.00	.....	.....	1392O
Analysis ⁷	16.63	8.65	6.18	49.01	10.47	9.06	477M
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1392R
Analysis ^a	7.50	3.17	9.49	67.80	10.62	1.42	34M
Ear Corn Chop with Husk and Molasses.....	6.50	2.00	7.00	65.00	.....	.....	1392T
Analysis.....	6.95	2.18	8.78	66.03	12.53	3.53	475M
Bailey Grain Company, Frank, Fort Worth, Texas.							
Milo Head Stems and Molasses.....	4.10	0.70	18.00	56.00	.....	.....	1698A
Analysis.....	6.60	.23	12.43	56.86	9.82	14.06	409W
Analysis.....	6.85	.34	15.89	60.38	12.14	4.40	465W
Bain Peanut Company of Texas, Fort Worth, Texas.							
Bapco Brand 43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....	588A
Analysis.....	43.43	8.19	12.77	24.91	6.05	4.65	170K
Analysis.....	43.72	6.30	10.29	30.23	4.29	5.17	372S
Analysis.....	46.57	8.71	11.13	24.88	4.59	4.12	48T
Analysis.....	44.40	8.19	11.34	26.49	4.91	4.67	196T
Analysis ^c	42.38	7.55	11.95	28.95	3.35	5.82	287T
Bapco Brand Mixed Feed.....	15.50	2.20	33.00	35.00	.....	.....	588D
Analysis.....	17.02	4.15	29.75	33.08	10.13	5.87	195T
36% Protein Ground Peanut Feed.....	36.00	5.00	22.00	28.00	.....	.....	588M
Analysis.....	36.43	8.19	11.64	34.29	3.05	6.40	288T
Analysis.....	36.02	10.21	15.84	26.04	5.54	6.35	451T
Analysis.....	37.21	9.34	17.69	24.30	5.32	6.14	72W
Bangs Feed Mill, Bangs, Texas.							
Jenk's Dairy Feed.....	15.00	3.60	16.00	47.00	.....	.....	759F
Analysis.....	16.12	3.70	14.43	49.43	9.57	6.75	419S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁸Chiefly wheat bran and screenings.¹⁹Deficient in salt.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bangs Feed Mill, Bangs, Texas—Continued.							
Real Brand Laying Mash.....	18.00	3.50	6.50	48.00	.....	.....	759L
Analysis.....	19.07	4.36	7.02	50.79	9.32	9.44	57S
Analysis.....	19.66	4.43	6.63	49.98	9.42	9.88	462S
Barcus Feed Store, Waco, Texas.							
Hewitt Brand Laying Mash.....	15.50	3.20	13.00	49.00	.....	.....	1413F
Analysis ²⁰	14.98	3.96	12.49	52.26	10.65	5.66	145W
Barfield Feed & Produce, Temple, Texas.							
Tem-Tex Dairy Feed.....	18.50	3.30	12.50	45.00	.....	.....	86A
Analysis ²¹	19.36	3.72	10.26	49.55	10.11	7.00	121W
Barron's Electric Hatchery, Lamesa, Texas.							
Eureka Brand Starter-Grow Mash...	19.00	3.50	7.00	49.00	.....	.....	1077A
Analysis.....	20.44	4.70	6.11	51.22	8.95	8.58	264K
Eureka Brand Laying Mash No. 1...	19.00	3.60	7.00	46.00	.....	.....	1077B
Analysis.....	20.54	3.95	6.04	50.96	9.05	9.46	344K
Barry & Sons, J. R., Mercedes, Texas.							
Barry's Dairy Feed.....	15.00	3.00	13.00	49.00	.....	.....	1602A
Analysis.....	15.80	3.26	12.97	51.01	10.72	6.24	11H
Bartlett Ice & Gin Company, Bartlett, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1740A
Analysis.....	10.22	3.16	8.89	64.61	11.22	1.90	498W
Bauch's Feeds & Hatchery, Yorktown, Texas.							
Bauch's Growing Mash.....	17.50	3.50	8.00	52.00	.....	.....	884B
Analysis.....	19.80	4.58	6.78	51.10	9.41	8.33	145H
Bauch's Chick Starter.....	18.00	3.60	5.00	51.00	.....	.....	884D
Analysis.....	20.73	4.45	5.03	52.80	9.60	7.39	319H
Bauch's Breeder Laying Mash.....	19.00	3.50	7.00	48.50	.....	.....	884F
Analysis.....	21.97	4.86	6.84	47.82	8.57	9.94	146H
Analysis.....	27.70	4.79	5.44	43.89	9.55	8.63	318H
Bauch's Lay-or-Bust Laying Mash with Charcoal.....	19.50	3.50	8.00	45.50	.....	.....	884G
Analysis ^a	21.24	4.29	6.17	48.80	9.46	10.04	234H
Bawden Fuel & Feed Company, Plainview, Texas.							
Rainbow Mormilk 16% Protein Dairy Feed.....	16.00	3.00	14.00	46.00	.....	.....	1339J
Analysis.....	17.55	3.08	13.24	49.82	7.57	8.74	36K
Rainbow Egg Mash.....	20.00	3.50	7.00	46.00	.....	.....	1339U
Analysis.....	21.66	4.11	5.42	51.30	9.38	8.13	174K
Rainbow All-Mash Chick Starter.....	18.00	3.50	6.50	50.00	.....	.....	1339X
Analysis.....	20.77	4.18	6.22	52.77	8.78	7.28	362K
Rainbow Growing Mash.....	18.00	3.50	6.50	49.50	.....	.....	1339Y
Analysis.....	20.33	3.69	5.22	55.28	8.93	6.55	439K
Rainbow 40% Protein Egg Mash Supplement.....	40.00	4.30	8.00	19.00	.....	.....	1339B3
Analysis ^b	43.82	6.17	4.14	19.49	6.52	19.86	513K
Rainbow Alfalfa Meal and Molasses..	10.50	1.20	27.00	41.00	.....	.....	1339B8
Analysis ²²	12.11	1.25	23.27	45.07	10.13	8.17	479K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁰Deficient in ground oyster shell.²¹Ground rice hulls claimed, not found.²²Chopped alfalfa substituted for alfalfa meal.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bawden Fuel & Feed Company, Plainview, Texas—Continued.							
Rainbow 18% Protein Egg Mash.....	18.00	3.50	6.50	52.00	.....	.....	1339B9
Analysis.....	21.40	3.98	5.60	52.98	9.10	6.94	274K
Rainbow 18% Protein Dairy Feed.....	18.00	3.00	11.00	45.00	.....	.....	1339C5
Analysis.....	20.72	3.53	9.46	49.33	9.81	7.15	90K
Bay City Rice Mills, Inc., Bay City, Texas.							
Rice Bran containing Precipitated Carbonate of Lime.....	12.00	12.00	12.00	42.00	.....	.....	457B
Analysis.....	13.91	14.13	10.82	42.27	9.24	9.63	62M
Beaumont Rice Mills, Beaumont, Texas.							
Rice Bran containing Precipitated Calcium Carbonate.....	13.00	13.00	15.00	39.00	.....	.....	494B
Analysis.....	14.00	16.93	11.28	37.14	8.77	11.88	83M
Beckham Brothers Seed & Grain Company, Lamesa, Texas.							
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	452A
Analysis <i>a d h23</i>	37.13	5.63	13.99	31.06	6.82	5.37	430K
Bells Milling Company, Bells, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1106E
Analysis.....	7.62	3.13	10.83	65.12	10.96	2.34	161F
Belton Feed & Produce Company, Belton, Texas.							
McQueen and Taylor Sweet Cow Feed.....	19.00	3.50	16.00	44.50	.....	.....	212B
Analysis.....	22.49	4.49	15.15	43.43	9.89	4.55	489W
Bennett Trading Company, Cooledge, Texas.							
Bennett's Ideal Brand Laying Mash.....	19.00	3.50	8.00	44.00	.....	.....	684E
Analysis <i>h</i>	20.70	4.81	5.97	49.29	10.19	9.04	358W
Bennett's Best Chick Starter.....	17.50	3.50	5.00	53.00	.....	.....	684F
Analysis <i>a</i>	19.16	4.78	3.68	55.79	9.96	6.63	456W
Berend Brothers, Gainesville, Texas.							
B & B Dairy Feed.....	15.00	3.00	15.00	46.50	.....	.....	1527A
Analysis.....	17.95	4.32	11.20	51.03	7.22	8.28	22T
Bewley Mills, Fort Worth, Texas.							
Anchor Lamb Feed Chunkets.....	12.00	2.30	8.00	56.00	.....	.....	4J
Analysis.....	21.49	2.95	8.89	51.71	7.87	7.09	185W
Anchor 18% Protein Dairy Feed.....	18.00	3.30	10.50	46.00	.....	.....	40
Analysis.....	16.54	2.52	9.25	52.40	12.61	6.68	231F
Analysis <i>24</i>	18.25	2.56	6.93	56.64	10.04	5.58	532K
Anchor Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	4Q
Analysis.....	20.38	2.48	16.83	39.41	9.94	10.96	384T
Anchor Wheat Bran, Wheat Brown Shorts, and Screenings.....	14.50	3.50	9.20	55.00	.....	.....	4R
Analysis.....	17.40	4.22	8.64	53.50	9.91	6.33	89M
16% Protein Special Mixed Feed.....	16.00	2.00	13.00	48.00	.....	.....	4Y
Analysis.....	14.55	1.46	10.43	52.58	13.21	7.77	390F

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.*23*Short in weight. Used in feeding stock of dealer.*24*Deficient in ground limestone and salt.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bewley Mills,							
Fort Worth, Texas—Continued.							
Anchor Sheep Feed Chunkets.....	16.00	2.50	8.00	51.00	.....	.....	4A7
Analysis.....	18.89	2.52	6.64	55.99	9.81	6.15	233S
Analysis ²⁵	18.18	2.65	7.10	56.82	9.30	5.95	305T
Anchor Cattle Feed Chunkets.....	16.00	2.50	8.00	51.00	.....	.....	4A8
Analysis.....	20.67	3.82	6.52	54.25	8.79	5.95	162T
Blue Anchor Flock Ration.....	15.00	3.50	6.60	56.50	.....	.....	4B1
Analysis.....	16.85	4.15	7.03	53.55	9.32	9.09	234K
Blue Anchor 5 Egg Mash.....	19.00	3.50	7.50	45.00	.....	.....	4B2
Analysis ²⁵	18.86	4.90	4.48	53.58	9.96	8.22	378W
Anchor 12% Protein Cattle Feed Chunkets.....	12.00	2.30	8.00	56.00	.....	.....	4B3
Analysis.....	16.50	2.60	7.41	57.96	9.20	6.33	332S
Anchor Egg Mash Chunkets.....	20.00	3.80	7.20	45.30	.....	.....	4B4
Analysis.....	20.30	4.53	6.67	49.80	10.32	8.38	229F
Analysis ²⁶	22.27	4.74	5.83	50.51	7.96	8.69	120K
Blue Anchor 5 Egg Mash Chunkets.....	19.00	3.50	7.50	45.00	.....	.....	4B7
Analysis.....	19.90	4.65	7.12	49.14	9.80	9.39	230F
Analysis ²⁷	18.24	4.46	6.26	52.26	9.88	8.90	444F
Analysis ²⁷	20.87	5.59	7.88	48.11	6.65	10.90	32K
Anchor 30% Protein Supplement for Swine.....	30.00	3.50	7.00	35.00	.....	.....	4C9
Analysis.....	30.40	4.47	6.77	38.04	9.43	10.89	527W
Joy Egg Mash.....	20.00	4.00	8.00	43.00	.....	.....	4D1
Analysis.....	23.71	4.55	8.07	43.31	8.18	12.18	161T
Big B Sweet Feed.....	9.00	2.00	17.00	52.00	.....	.....	4D9
Analysis.....	9.60	2.26	12.47	55.94	10.41	9.32	19T
Analysis.....	9.73	2.03	13.39	54.79	9.15	10.91	73T
Analysis.....	10.80	2.49	11.57	57.60	9.09	8.45	35W
Big B Sweet Feed.....	9.00	1.60	15.00	53.00	.....	.....	4D9
Analysis.....	8.76	1.40	12.03	56.26	12.52	9.03	389F
Analysis ²⁸	10.12	1.74	12.13	56.78	10.78	8.45	472W
Anchor Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....	4E4
Analysis.....	17.76	4.15	5.55	57.95	10.16	4.43	541K
Analysis.....	16.50	3.69	5.39	59.94	9.59	4.89	60T
Analysis.....	18.65	3.79	5.59	55.90	11.88	4.19	148T
Analysis.....	18.14	4.10	4.11	58.31	11.68	3.66	380W
Anchor Fattening Mash.....	15.50	5.50	6.00	57.00	.....	.....	4F2
Analysis.....	14.00	5.78	6.92	60.31	10.19	2.80	443F
Analysis.....	15.50	5.85	6.72	58.35	9.98	3.60	511W
Anchor Egg Mash.....	20.00	3.80	7.20	45.30	.....	.....	4F3
Analysis.....	21.79	4.87	6.17	48.01	9.87	9.29	228F
Analysis.....	21.31	4.70	6.22	49.80	9.85	8.12	339F
Anchor Growing Mash.....	17.00	3.60	7.00	51.00	.....	.....	4F4
Analysis.....	19.40	3.74	5.76	53.02	9.02	9.06	397K
Analysis ²⁹	17.72	4.63	7.29	52.55	10.31	7.50	499W
Blue Anchor 24% Protein Dairy Feed.....	24.00	3.90	10.00	42.00	.....	.....	4G6
Analysis.....	22.00	2.26	8.55	44.95	11.34	10.90	232F
Analysis.....	21.35	2.47	8.08	51.38	11.45	5.27	391F
Analysis ³⁰	21.87	1.66	9.25	48.72	11.65	6.85	477F
Analysis.....	27.22	2.06	7.47	45.00	11.36	6.89	321K
Anchor All-Mash Starter.....	16.00	3.80	6.50	53.80	.....	.....	4G8
Analysis.....	17.73	4.35	6.02	54.97	10.90	6.03	338F
Analysis.....	17.42	4.45	5.07	56.01	10.18	6.87	408K
Analysis ³	18.72	4.25	5.94	55.94	7.80	7.35	380S
Anchor 32% Protein Supplement for Poultry.....	32.00	4.30	7.00	23.00	.....	.....	4G9
Analysis ³	29.45	4.24	5.47	35.40	8.34	17.10	420W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁵Deficient in salt.²⁶Linseed meal found, not claimed.²⁷Excess of powdered oyster shell found.²⁸Deficient in ground limestone.²⁹41% protein soybean oil meal and 34% protein linseed meal claimed, not found.³⁰Deficient in 43% protein cottonseed meal and ground limestone.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bewley Mills, Fort Worth, Texas—Continued.							
Anchor Broiler Starter.....	18.00	3.50	7.00	49.00	.....	.....	412
Analysis.....	18.90	4.20	8.29	51.79	9.43	7.48	124T
Anchor Broiler Finisher Chunkets.....	16.00	3.50	6.50	54.00	.....	.....	419
Analysis.....	16.54	4.60	5.85	57.68	8.75	6.58	379K
Bibb Company, H. T., Fort Worth, Texas.							
Alfalfa Meal and Molasses.....	10.50	1.00	25.00	42.00	.....	.....	1972D
Analysis.....	9.10	1.00	19.98	47.10	14.03	8.79	248T
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1972E
Analysis.....	43.28	6.34	8.58	28.19	6.77	6.84	355T
Analysis.....	43.07	5.66	8.82	28.24	7.31	6.90	457T
Analysis ^c	42.13	5.88	8.96	29.12	6.97	6.94	524W
Laying Mash.....	18.50	3.50	6.00	48.00	.....	.....	1972M
Analysis ³¹	21.01	4.77	7.11	50.93	7.09	9.09	37T
18% Protein Dairy Feed.....	18.00	3.80	13.00	44.00	.....	.....	1972P
Analysis ³²	20.29	4.88	9.77	48.98	9.03	7.05	120T
24% Protein Dairy Feed.....	24.00	5.00	11.00	36.00	.....	.....	1972R
Analysis ³³	22.25	5.07	9.52	46.72	7.99	8.45	202T
Biggs Flour & Feed Store, Temple, Texas.							
Biggs Special 19% Protein Mixed Feed.....	19.00	3.80	11.50	48.00	.....	.....	119A
Analysis.....	19.40	4.35	10.44	49.98	10.76	5.07	421W
Big Spring Cotton Oil Company, Big Spring, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	216D
Analysis ^c	42.30	8.01	10.85	26.47	7.28	5.09	85S
Analysis.....	43.20	6.81	10.52	27.21	7.26	5.00	114S
Analysis.....	43.11	6.62	10.48	27.61	6.96	5.22	189S
Analysis.....	44.06	6.45	9.75	26.67	7.85	5.22	238S
Analysis.....	43.80	7.34	9.71	25.95	8.12	5.08	D
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	216F
Analysis ^c	42.05	6.32	9.39	26.98	10.25	5.01	260S
Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00	.....	.....	216H
Analysis.....	12.00	2.52	35.70	41.69	4.86	3.23	16S
Big Spring Feed & Seed Company, Big Spring, Texas.							
All-Mash Laying Ration.....	15.00	3.50	5.00	59.00	.....	.....	923A
Analysis.....	16.83	3.51	3.19	63.51	8.43	4.53	83S
Analysis.....	17.12	3.81	3.20	61.79	9.18	4.90	237S
Dairy Feed.....	17.50	3.30	10.00	50.00	.....	.....	923D
Analysis ³⁴	16.19	3.40	8.43	58.69	7.36	5.93	17S
Analysis ^c	16.44	3.46	7.70	59.06	8.75	4.59	165S
Dairymen's Milk-Maker Dairy Feed.....	16.00	3.00	10.00	53.00	.....	.....	923D
Analysis ³⁵	16.40	3.38	7.43	58.93	8.45	5.41	381S
Bishop Grain & Coal Company, Memphis, Texas.							
Hallco Egg Mash.....	18.00	3.60	7.00	48.00	.....	.....	2189B
Analysis ³⁶	19.80	4.80	4.70	53.20	8.75	8.75	406K
Bishop's Best Laying Mash.....	20.00	3.70	7.50	44.00	.....	.....	2189K
Analysis ^a	19.98	4.84	7.59	49.97	7.97	9.65	136K

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

³¹Linseed meal found, not claimed.³²Linseed meal and bone meal found, not claimed.³³Excess of ground oyster shell found.³⁴Crimped whole oats found, not claimed.³⁵Deficient in ground limestone.³⁶Excess of ground oyster shell found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bishop Grain & Coal Company, Memphis, Texas—Continued.							
Bishop's Best All-Mash Starter with Buttermilk and Cod Liver Oil.....	18.00	4.00	6.20	51.00	.....	.....	2189M
Analysis.....	19.72	5.21	5.43	53.24	8.40	8.00	482K
Bishop's Best Sweet Feed.....	9.50	2.00	17.00	56.00	.....	.....	2189O
Analysis.....	10.32	2.31	11.46	54.40	6.78	14.73	45K
Bishop's Best 24% Protein Dairy Feed.....	24.00	3.50	10.00	40.00	.....	.....	2189Q
Analysis.....	22.40	3.57	9.95	43.46	10.27	8.35	229K
Bishop Milling Company, Bishop, Texas.							
Blue Border Brand 35.50% Protein Supplement with Charcoal for Hogs.....	35.50	4.60	7.00	24.00	.....	.....	2076F
Analysis.....	35.60	5.86	7.45	26.36	7.15	17.58	8H
Blue Border Brand Hegari Heads, Stalks and Stems with Molasses....	5.60	1.30	14.50	57.20	.....	.....	2076I
Analysis.....	6.92	1.07	12.69	58.04	14.20	7.08	175H
Analysis.....	5.60	.46	10.76	59.74	15.21	8.23	459H
Blue Border Brand Sweet-Mix.....	11.00	2.50	8.50	57.00	.....	.....	2076M
Analysis.....	12.48	2.57	8.85	58.85	10.46	6.79	7H
Bishop Tire & Feed Company, Waco, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2156B
Analysis.....	8.60	3.05	9.60	67.58	9.55	1.62	336W
O. B. Dairy Ration.....	12.00	2.40	18.50	45.00	.....	.....	2156D
Analysis.....	12.74	4.38	14.13	52.25	7.82	8.68	98W
Blair Elevator Corporation, The, Atchison, Kansas.							
Certified Brand 24% Protein Dairy Feed with Manganese Sulphate....	24.00	3.00	12.00	44.00	.....	.....	696G
Analysis.....	25.17	2.36	8.52	40.64	11.27	12.04	211W
Certified Brand Starting Mash.....	16.00	4.00	5.50	52.50	.....	.....	696J
Analysis.....	17.65	4.51	3.87	56.46	10.82	6.69	418W
Blatchford Calf Meal Company, Waukegan, Illinois.							
Blatchford's Calf Meal Pellets.....	25.00	4.50	6.00	44.50	.....	.....	2149B
Analysis.....	27.42	4.36	5.75	46.08	8.78	7.61	2149B
Blatchford's V-D with Manganese Sulphate.....	31.00	5.00	5.00	35.00	.....	.....	2149C
Analysis.....	30.85	4.63	5.65	40.69	8.52	9.66	2149C
Bledsoe Feed & Fuel Company, San Angelo, Texas.							
Bledsoe's Winner Brand Dairy Cow Feed.....	18.40	3.20	15.00	47.50	.....	.....	78A
Analysis ³⁶⁻¹	20.15	3.63	12.55	46.78	9.97	6.92	484S
Triple-Concho Laying Mash.....	18.00	3.50	6.00	49.00	.....	.....	78B
Analysis.....	19.63	4.59	5.66	52.76	9.57	7.79	451S
Blue Bonnet Packing Company, Fort Worth, Texas.							
50% Protein Meat and Bone Scraps..	50.00	6.00	3.00	0.00	.....	.....	985A
Analysis.....	50.62	10.06	1.86	1.09	5.16	31.21	11T
Analysis ^j	50.61	9.26	1.68	2.29	7.16	29.00	200T
Analysis ^{i b}	51.63	9.78	1.80	.85	7.25	28.69	240T
60% Protein Digester Tankage.....	60.00	5.00	3.00	0.00	.....	.....	985C
Analysis.....	64.25	2.27	1.14	10.48	10.07	11.79	383T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁶⁻¹Carbonate of lime found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Blue Star Mill, Robstown, Texas.							
Cane Heads, Stalks and Stems with Molasses.....	6.30	1.70	17.50	56.00	.....	.....	95A
Analysis ^a	5.31	1.31	21.03	52.04	11.62	8.69	397H
Cane Heads, Stalks and Stems with Molasses.....	5.00	1.50	15.00	47.00	.....	.....	95A
Analysis.....	6.49	1.27	16.36	54.43	12.78	8.67	458H
Bob's Feed Store, Abilene, Texas.							
Bob's Special Egg Mash.....	18.00	3.50	6.50	47.50	.....	.....	1351A
Analysis.....	19.71	4.98	5.17	50.80	9.70	9.64	72S
Bob's AAA Brand Laying Mash with Charcoal and Minerals.....	20.50	3.60	7.50	43.00	.....	.....	1351B
Analysis ^a	22.10	5.50	6.89	46.92	9.50	9.09	156S
Bob's AAA All-Mash Starter and Grower.....	17.00	3.50	7.00	49.00	.....	.....	1351C
Analysis.....	18.52	5.15	5.70	53.84	9.15	7.64	373S
Bob's Special Cow Feed.....	14.00	2.60	20.00	37.50	.....	.....	1351D
Analysis.....	16.00	3.18	17.73	47.18	5.79	10.12	429S
Bode Feed Store, Kerrville, Texas.							
Bode Dairy Feed.....	19.00	3.60	12.00	48.00	.....	.....	865A
Analysis.....	17.98	3.91	12.51	48.44	9.60	7.56	100H
Bode 20% Protein Dairy Feed.....	20.00	3.60	12.00	44.50	.....	.....	865C
Analysis.....	20.30	4.15	11.44	45.99	10.16	7.96	343H
Bonner Feed Company, Athens, Texas.							
Bonner's Special 18% Protein Dairy Feed.....	18.00	4.00	12.50	42.00	.....	.....	1167C
Analysis.....	18.84	5.51	9.20	50.09	9.88	6.48	191F
Bonner's Special 24% Protein Dairy Feed.....	24.00	4.00	12.00	37.00	.....	.....	1167D
Analysis.....	24.80	5.84	10.20	44.30	9.62	5.24	192F
Bonner's Special Chick Starter Mash.....	19.00	3.60	5.80	50.40	.....	.....	1167H
Analysis ³⁷	20.50	4.89	5.79	52.15	9.75	6.92	334F
Bonner's Special All-Mash Starter and Broiler Mash.....	17.00	3.60	6.20	52.50	.....	.....	1167I
Analysis ³⁷	17.50	4.71	5.84	55.36	10.11	6.48	333F
Booth Company, Inc., F. E., San Francisco, California.							
Booth's Crescent Brand 64% Protein Fish Meal.....	64.00	3.00	1.00	1.00	.....	.....	1400A
Analysis.....	67.55	3.58	.18	6.07	8.19	14.43	83K
Analysis ^a	69.50	5.37	.40	5.78	5.63	13.32	71M
Analysis.....	65.99	4.74	.34	5.94	6.77	16.22	101W
Bowen Flour Mills Company, The, Independence, Kansas.							
Wheat Gray Shorts.....	15.00	3.50	6.00	55.00	.....	.....	653A
Analysis ^a	19.26	4.69	5.38	53.25	12.64	4.78	144F
Bower Feed Store, Graham, Texas.							
Special Egg Mash.....	18.00	3.50	8.00	49.00	.....	.....	2083J
Analysis.....	20.25	4.50	7.24	51.38	8.61	8.02	159T
Bower's Gro-Mash.....	17.00	3.50	7.50	50.00	.....	.....	2083R
Analysis.....	19.10	4.45	6.29	52.35	10.25	7.56	467T

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.³⁷Alfalfa stem meal found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Boyer Brothers, Fort Worth, Texas.							
Alfalfa Meal and Molasses.....	10.50	1.00	25.00	42.00	.....	.....	2417C
Analysis.....	13.28	1.13	19.72	43.97	12.64	9.26	454T
Bradfish Grain Company, Weatherford, Texas.							
We-Tex Hen Mash with Charcoal....	20.00	4.00	7.50	45.00	.....	.....	1920B
Analysis ^c	21.74	5.48	7.42	45.00	9.14	11.22	139T
We-Tex Ear Corn Chop with Husk and Molasses.....	6.70	2.20	8.00	64.50	.....	.....	1920G
Analysis.....	8.23	1.97	8.26	66.16	12.38	3.00	304T
Brady Cotton Oil Company, Brady, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1074E
Analysis.....	44.65	6.07	10.93	27.74	5.10	5.51	14W
43% Protein Pebble-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1074G
Analysis ^c	41.91	7.46	11.93	26.91	6.71	5.08	127S
Brannen Manufacturing Company, Westville, Texas.							
Mixed Feed.....	10.00	3.00	17.00	58.00	.....	.....	1225A
Analysis.....	10.00	4.69	15.71	53.08	10.95	5.57	470M
Bray, Morris, Arlington, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	773A
Analysis ^{k b}	8.50	3.15	10.44	66.31	9.59	2.01	132T
Brazoria Grain Company, Brazoria, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1001A
Analysis.....	8.20	3.04	10.81	63.24	12.95	1.76	97M
Analysis.....	8.94	3.20	9.61	64.50	12.15	1.60	318M
Brazos Valley Cotton Oil Company, Waco, Texas.							
Longhorn Brand 43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00	.....	.....	1254C
Analysis ^{b c}	41.49	7.26	12.48	28.46	5.19	5.12	47S
Analysis.....	42.92	6.30	10.49	25.09	9.49	5.71	345S
Analysis ^c	42.41	7.49	11.81	26.45	6.56	5.28	71W
Analysis.....	43.52	7.85	10.73	26.88	5.46	5.56	96W
Analysis.....	43.03	6.60	10.25	27.53	6.91	5.68	148W
Analysis ^c	41.37	6.59	11.17	28.19	7.00	5.68	167W
Longhorn Brand 43% Protein Cottonseed Cake.....	43.00	5.00	12.00	23.00	.....	.....	1254D
Analysis.....	44.34	6.13	10.82	27.43	5.85	5.43	84W
Longhorn Brand 43% Protein Cottonseed Pellets.....	43.00	5.00	12.00	23.00	.....	.....	1254F
Analysis.....	43.68	6.20	10.24	26.46	7.30	6.12	258S
Brenham Cotton Oil & Manufacturing Company, Brenham, Texas.							
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	426A
Analysis ^{k b}	41.09	5.56	12.29	29.85	5.76	5.45	27W
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....	426C
Analysis.....	44.50	5.28	10.19	27.46	6.86	5.71	200H
Analysis.....	42.85	5.52	12.14	28.56	5.28	5.65	42S
Analysis.....	43.57	5.93	10.67	28.68	5.18	5.97	44S

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Brenham Cotton Oil & Manufacturing Company, Brenham, Texas—Continued.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	426D
Analysis.....	43.05	6.00	11.15	27.44	6.60	5.76	101H
Analysis.....	43.46	5.87	10.90	27.88	5.96	5.93	55M
Analysis.....	43.49	5.75	10.81	27.35	6.58	6.02	236M
Analysis.....	42.47	5.94	11.39	29.03	5.46	5.71	45S
Analysis.....	42.70	5.92	11.67	27.41	6.69	5.61	133S
Broadway Feed Store & Hatchery, Houston, Texas.							
Growing Mash.....	15.00	3.50	7.00	53.00	.....	.....	691B
Analysis.....	17.27	3.70	4.88	57.28	11.40	5.47	309M
Laying Mash.....	20.00	3.70	7.50	46.00	.....	.....	691C
Analysis.....	22.47	4.48	6.51	48.25	10.54	7.75	310M
Starting Mash.....	17.00	3.60	7.00	50.00	.....	.....	691D
Analysis.....	19.50	4.20	4.69	54.69	11.60	5.32	308M
Bronstad Gin, The, Clifton, Texas.							
Bronstad's Best Baby Chick Starter..	17.00	3.50	5.00	56.00	.....	.....	1319A
Analysis.....	18.08	4.00	4.10	58.62	9.40	5.80	384W
Bronstad's Best Growing Mash.....	16.00	3.50	7.00	52.50	.....	.....	1319B
Analysis.....	16.69	4.45	5.68	56.27	9.50	7.41	469W
Bronstad's Best Laying Mash.....	18.00	3.60	7.00	48.00	.....	.....	1319C
Analysis.....	19.35	4.13	6.11	49.66	9.95	10.80	536W
Brown, M. E., Red Oak, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1070B
Analysis.....	8.62	3.02	9.79	65.58	11.26	1.73	444T
Analysis.....	7.33	3.12	10.29	69.12	8.08	2.06	45W
Brown Feed Store, Fort Worth, Texas.							
Brown's Special Cow Feed.....	17.00	3.50	11.50	49.00	.....	.....	1140E
Analysis.....	19.33	3.91	10.79	50.82	8.99	6.16	133T
Brown's Chick Growing Mash.....	16.50	3.60	5.50	53.00	.....	.....	1140F
Analysis.....	17.81	4.35	4.87	56.82	9.73	6.42	380T
Brownfield Milling Company, Brownfield, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	316E
Analysis ³⁸	7.46	2.24	13.88	60.33	8.95	7.14	405F
Analysis ³⁹	8.08	2.75	10.87	63.30	9.95	5.05	548K
Ground Hegari Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00	.....	.....	316F
Analysis ⁴⁰	7.02	1.64	14.32	53.95	8.62	14.45	425K
Paramount Brand Chick Starter.....	17.00	3.50	6.80	53.00	.....	.....	316L
Analysis ⁴¹	17.34	4.10	6.74	53.94	9.10	8.78	346K
Analysis ⁴²	17.70	4.02	6.36	54.83	9.56	7.53	423K
Paramount Brand Laying Mash.....	18.00	3.50	6.50	47.00	.....	.....	316O
Analysis ⁴³	19.15	4.12	5.93	53.26	8.15	9.39	547K
Paramount Extra-High Quality Brand Chick Starter.....	17.00	3.50	7.00	50.00	.....	.....	316P
Analysis ⁴⁴	19.21	4.15	6.48	53.27	8.90	7.99	505K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁸Short in weight.³⁹Packed in second-hand printed bags. Bags turned and sale resumed.⁴⁰Packed in sacks containing illegal net weights. Even-weighted to 50 lbs. net, tagged and sale resumed.⁴¹Tags of wrong denomination attached.⁴²Short in weight. Even-weighted to 100 lbs. net and sale resumed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Browning Grain Company, Sweetwater, Texas.							
Our-Own Mixed Dairy Feed.....	17.00	3.30	13.50	46.00	.....	.....	2665A
Analysis.....	20.58	3.60	10.16	49.69	8.67	7.30	431S
Square Deal Brand Laying Mash.....	19.00	3.60	6.00	48.00	.....	.....	2665C
Analysis.....	21.03	4.30	3.78	50.88	8.08	11.93	12S
Special Square Deal Brand Egg Mash.....	18.00	3.50	6.00	48.00	.....	.....	2665D
Analysis.....	20.72	4.91	3.54	51.56	9.17	10.10	376S
Brownwood Cotton Oil Mill, Brownwood, Texas.							
Cotton Bloom Brand 43% Protein							
Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	310A
Analysis.....	42.52	6.52	10.39	27.81	6.60	6.16	140S
Analysis.....	42.40	6.02	9.59	28.25	6.81	6.93	146S
Analysis.....	43.16	5.79	9.29	28.71	6.44	6.61	272S
Analysis.....	42.95	7.00	9.82	28.16	6.42	5.65	186W
Analysis.....	43.28	6.21	9.66	27.71	7.37	5.77	292W
Cotton Bloom Brand 43% Protein							
Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	310B
Analysis.....	43.35	6.10	8.98	27.69	7.25	6.63	141S
Analysis.....	43.91	6.25	9.25	27.12	6.87	6.60	148S
Panther Brand Mixed Feed.....	11.70	1.70	36.50	35.00	.....	.....	310D
Analysis.....	11.80	1.71	34.82	37.90	7.71	6.06	373T
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00	.....	.....	310G
Analysis.....	44.25	7.51	13.50	23.25	7.01	4.48	253K
Analysis.....	44.43	7.46	12.01	22.81	7.53	5.76	151S
Analysis.....	43.58	7.55	14.42	21.62	8.38	4.45	159S
Analysis.....	45.00	6.56	5.98	26.86	6.90	8.70	363S
Analysis.....	44.08	6.95	10.93	24.03	7.26	6.75	149T
Analysis.....	44.09	6.97	13.29	21.93	8.01	5.71	376T
Cotton Bloom Brand 44% Protein							
Supplement for Hogs.....	44.00	6.50	10.00	16.50	.....	.....	310M
Analysis.....	42.10	7.96	11.25	18.77	5.67	14.25	46S
Cotton Bloom Brand 18% Protein							
Dairy Feed.....	18.00	3.50	10.00	46.50	.....	.....	310O
Analysis.....	21.58	3.78	9.27	46.61	10.23	8.53	459S
Cotton Bloom Brand Growing Mash.....	18.00	4.00	6.50	52.00	.....	.....	310R
Analysis.....	19.45	4.70	5.22	54.36	9.06	7.21	407W
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	47.00	.....	.....	310S
Analysis.....	20.18	4.65	5.61	50.85	10.40	8.31	217S
Cotton Bloom Brand Starter and							
Broiler Mash.....	18.00	4.00	6.00	52.00	.....	.....	310T
Analysis.....	19.70	4.50	4.13	54.84	9.75	7.08	358S
Panther Brand Laying Mash.....	19.00	4.00	7.50	46.00	.....	.....	310U
Analysis.....	20.71	4.81	8.84	47.73	8.93	8.98	460S
Analysis.....	22.01	4.85	8.53	47.69	7.78	9.14	78T
Analysis.....	20.30	4.65	6.76	50.45	9.19	8.65	391W
Cotton Bloom Brand 15% Protein							
Range Feed Pellets.....	15.00	4.00	12.00	46.00	.....	.....	310A1
Analysis.....	17.62	3.70	11.76	47.51	9.09	10.32	58S
Cotton Bloom Brand 20% Protein							
Range Feed Pellets.....	20.00	4.50	10.50	43.00	.....	.....	310A2
Analysis.....	22.03	4.11	10.92	45.99	6.81	10.14	48S
Analysis.....	21.89	3.91	10.07	46.31	7.70	10.12	311T
Cotton Bloom Brand 43% Protein							
Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	310A4
Analysis.....	42.66	6.69	10.28	26.01	9.16	5.20	202S
43% Protein Peanut Pellets.....	43.00	6.00	12.00	23.00	.....	.....	310A5
Analysis.....	45.44	7.59	13.17	22.88	6.07	4.85	35S
Analysis.....	42.38	8.37	15.49	22.55	7.45	3.76	18W
Analysis.....	44.45	7.41	15.13	22.35	6.35	4.31	91W
Cotton Bloom Brand 32% Protein							
Concentrate for Laying Hens.....	32.00	5.00	7.00	27.00	.....	.....	310B2
Analysis.....	32.34	5.40	6.31	30.58	8.85	16.52	294S

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Brownwood Cotton Oil Mill, Brownwood, Texas—Continued							
Brown Bloom Brand Turkey Starter.	24.00	4.00	6.00	42.00	.....	.....	310C1
Analysis.....	25.55	5.15	5.69	45.65	9.10	8.86	421S
Bryan Cotton Oil & Fertilizer Company, Bryan, Texas.							
Star Brand 20% Protein Dairy Feed.	20.00	4.00	16.00	41.00	.....	.....	403A
Analysis.....	21.24	5.58	13.95	38.33	11.85	9.05	221W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	403D
Analysis.....	42.63	6.76	11.14	28.13	5.82	5.52	51M
Analysis.....	43.77	7.19	10.38	25.74	7.52	5.40	219W
Analysis ^e	42.08	6.39	11.48	26.40	7.97	5.68	494W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	403E
Analysis ^{a43}	42.43	6.20	11.64	26.01	8.06	5.66	375M
Star Brand Special Sweet Feed.....	9.00	1.70	17.50	53.00	.....	.....	403J
Analysis.....	11.42	1.98	15.22	52.45	11.67	7.26	50M
Analysis.....	11.14	2.01	13.03	53.38	11.82	8.62	59W
Star Brand Cow Feed.....	10.00	2.40	10.00	60.00	.....	.....	403K
Analysis ^{a44}	11.28	2.69	6.49	61.37	13.86	4.31	374M
Bryant Coal & Grain Company, O'Donnell, Texas.							
Milo Head Chop.....	8.50	2.50	8.00	65.00	.....	.....	1095A
Analysis ^{a45}	11.10	2.50	6.63	65.14	10.58	4.05	157K
Bryant's Dairy Feed.....	19.00	3.50	13.50	45.00	.....	.....	1095C
Analysis.....	22.19	4.00	10.58	47.30	7.72	8.21	69K
Buda Milling Company, Buda, Texas.							
Uniform Brand Laying Mash.....	19.50	3.80	7.80	45.00	.....	.....	2315E
Analysis.....	19.60	4.88	7.17	47.86	10.25	10.24	374H
Burden's Feed Mill, Hico, Texas.							
Burden's Up-One Egg Mash.....	20.00	3.50	7.00	47.00	.....	.....	155A
Analysis.....	20.96	4.94	6.65	48.94	9.33	9.18	178W
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	155B
Analysis.....	11.80	5.62	11.27	55.79	10.48	5.04	288W
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	155C
Analysis ^e	9.13	3.21	9.48	66.98	9.54	1.66	81T
Baby Chick Starter.....	17.00	3.60	6.20	51.00	.....	.....	155D
Analysis.....	18.04	4.64	3.10	57.40	8.27	8.55	388W
Burdett Feed Store, El Paso, Texas.							
Rosedale Laying Mash.....	19.00	3.50	7.00	44.00	.....	.....	938A
Analysis.....	21.14	5.49	6.32	47.77	7.50	11.78	95S
Rosedale Dairy Feed.....	18.00	3.60	12.00	47.00	.....	.....	938C
Analysis.....	19.85	4.87	9.65	50.80	7.96	6.87	447S
Rosedale Growing Mash.....	17.00	3.60	6.50	52.00	.....	.....	938D
Analysis.....	18.75	4.95	4.68	54.54	9.04	8.04	319S
Burleson Feed Store, Burleson, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	193B
Analysis.....	11.60	5.27	9.37	59.02	10.04	4.70	448W
Burleson Grain Company, Tahoka, Texas.							
Mixed Cow Feed.....	16.40	3.30	10.00	54.00	.....	.....	1814D
Analysis.....	19.25	4.21	9.03	54.69	7.94	4.88	67K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴³Ground and blended with high-protein meal.⁴⁴Excess of salt found.⁴⁵Short in weight. Even-weighted to 100 lbs. net and sale resumed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Burleson Grain Company, Tahoka, Texas—Continued.							
All-Purpose Mixed Feed.....	14.50	3.20	5.00	57.00	.....	.....	1814E
Analysis.....	17.44	4.75	3.96	59.93	9.46	4.46	340K
Burrus Feed Mills, Dallas, Texas, and Branches.							
Texo Poultry Fatter.....	14.00	4.00	7.70	56.00	.....	.....	2013F
Analysis.....	18.48	3.65	5.26	58.93	9.01	4.67	410K
Texo Laying Mash with Cod Liver Oil and Buttermilk.....	19.00	3.60	8.00	45.00	.....	.....	2013H
Analysis ⁴⁶	22.84	4.68	6.68	47.21	9.55	9.04	419T
Texo Alfalfa Stem Meal and Molasses.....	7.00	0.50	28.50	40.00	.....	.....	2013Q
Analysis ⁴⁷	10.32	.61	23.89	45.38	11.36	8.44	280T
Green Ball Sweet Feed.....	9.50	2.00	17.00	56.00	.....	.....	2013R
Analysis ⁴⁷	8.45	.69	12.33	53.38	11.86	13.29	431W
Texo Growing Mash with Buttermilk and Cod Liver Oil.....	17.50	4.20	5.10	48.00	.....	.....	2013S
Analysis.....	20.15	4.95	4.57	52.66	9.40	8.27	390K
Green Ball 24% Protein Cow Feed.....	24.00	3.70	10.00	42.50	.....	.....	2013A1
Analysis.....	22.68	3.65	10.36	43.38	11.12	8.81	424W
Green Ball 18% Protein Dairy Feed.....	18.00	3.80	11.00	45.00	.....	.....	2013A5
Analysis ⁴⁸	18.44	4.24	8.47	50.30	10.58	7.97	185H
Analysis ⁴⁸	18.58	3.33	10.62	48.84	10.73	7.90	162M
Analysis ⁴⁸	17.72	3.44	12.28	48.94	7.51	10.11	25T
Texo All-Mash Chick Starter with Buttermilk and Cod Liver Oil.....	18.00	4.00	6.20	51.00	.....	.....	2013B2
Analysis.....	21.15	5.26	4.63	53.02	9.15	6.79	17H
Analysis.....	21.30	4.46	5.43	50.98	10.03	7.80	326K
Burrus Sweet 16% Protein Dairy Feed.....	16.00	4.00	13.00	45.50	.....	.....	2013B6
Analysis ⁴⁴⁸	14.53	2.72	12.69	50.71	10.70	8.65	455T
Jumbo Brand Sweet Feed.....	9.00	2.00	20.00	47.00	.....	.....	2013C3
Analysis.....	11.54	2.70	24.17	41.28	12.80	7.51	385F
Analysis.....	10.70	2.30	20.26	47.93	12.20	6.61	239K
Analysis.....	9.60	1.72	26.25	42.53	11.18	8.72	82M
Analysis.....	10.91	2.30	24.27	41.14	11.86	9.52	198M
Analysis ⁴⁹	10.47	1.03	11.32	51.64	12.96	12.58	377M
Analysis ⁵⁰	9.50	1.69	11.22	56.66	11.31	9.71	529W
Five Star Special Egg Mash.....	20.00	3.70	7.50	44.00	.....	.....	2013C4
Analysis ⁵¹	19.16	5.42	8.19	49.10	9.43	8.70	174F
Analysis ⁵²	19.22	4.88	8.24	48.51	9.11	10.04	203F
Analysis.....	19.05	5.45	8.35	49.35	9.22	8.58	383F
Analysis.....	20.14	4.89	8.71	48.40	8.51	9.35	18H
Analysis.....	18.89	4.89	8.68	49.10	8.29	10.15	184H
Analysis.....	19.39	4.75	7.70	48.99	8.86	10.31	268H
Analysis.....	19.29	4.85	6.60	50.27	9.47	9.52	340H
Analysis.....	19.27	4.74	7.70	50.19	9.05	9.05	263W
McCoy's Special Crimped Whole Oats, Ear Corn Chop with Husk, Alfalfa Meal, Molasses and Salt.....	8.00	1.50	14.00	55.00	.....	.....	2013D4
Analysis ⁴⁵⁵	9.04	2.25	16.35	50.06	16.60	5.69	254F
Analysis ⁴⁵⁵	9.46	2.23	16.42	53.94	11.30	6.65	292F
Analysis.....	11.10	2.80	12.09	56.51	11.20	6.30	334F
Analysis ⁴⁹	9.58	3.17	13.80	58.04	9.20	6.21	74T
Analysis ⁵²	10.30	2.30	13.35	56.32	11.80	5.93	257W
Green Ball Horse and Mule Feed.....	9.50	2.60	10.00	63.00	.....	.....	2013D5
Analysis ⁴⁸	10.60	2.80	9.90	55.05	11.25	10.40	386F

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

⁴⁶Excess of salt found.⁴⁷Ground peanut hulls claimed, not found. Excess of salt present.⁴⁸Excess of salt found and deficient in ground limestone.⁴⁹Ground peanut hulls and brewers' dried grains claimed, not found. Excess of ground screenings present.⁵⁰Excess of salt found. Deficient in ground limestone.⁵¹Deficient in ground oyster shell.⁵²Excess of salt found.⁵³Unauthorized statement printed on bags. Statement blocked out and sale resumed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939,
to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Burrus Feed Mills, Dallas, and Branches—Cont'd.							
Green Ball Growing Mash Pellets....	15.50	4.00	8.00	50.00	.....	.....	2013E1
Analysis ^a	17.56	4.63	5.37	55.53	8.60	8.31	398S
Five Star Special Egg Mash Pellets....	20.00	3.70	7.50	44.00	.....	.....	2013E4
Analysis.....	18.29	5.02	8.45	49.32	9.17	9.75	204F
Analysis.....	19.15	4.12	7.61	51.38	8.42	9.32	30T
Texo Range Feed Cubes.....	16.00	3.00	8.00	48.00	.....	.....	2013F3
Analysis.....	16.18	3.30	8.23	52.61	11.55	8.13	324K
Analysis.....	18.64	3.95	7.58	51.84	10.25	7.74	163M
Analysis.....	18.38	3.67	7.65	54.08	7.54	8.68	36S
Analysis.....	17.90	4.48	7.86	52.35	9.71	7.70	116S
Analysis ⁵⁴	17.51	4.33	7.93	53.46	8.55	8.22	45T
Analysis.....	19.39	3.66	7.56	51.92	9.78	7.69	143T
Analysis ⁵⁵	18.68	3.86	7.67	50.79	11.04	7.96	223T
Burrus Winterweight Laying Mash....	18.00	3.50	7.50	48.00	.....	.....	2013F6
Analysis ⁵⁶	18.10	3.15	6.70	54.91	9.69	7.45	238K
Analysis.....	17.11	3.72	7.25	56.41	10.51	5.00	142T
Analysis.....	18.16	4.03	6.85	55.26	9.41	6.29	132W
Texo 34% Protein Laying Mash Con- centrate.....	34.00	5.00	6.00	24.00	.....	.....	2013F7
Analysis ⁵⁷	35.39	7.05	5.83	29.74	7.86	14.13	345W
Burrus Special 34% Protein Laying Mash Concentrate.....	34.00	5.00	7.50	25.00	.....	.....	2013H1
Analysis ⁵⁷	36.07	3.47	7.28	33.55	9.33	10.30	547W
Burrus Summer-Weight Laying Mash	18.00	3.50	7.50	48.00	.....	.....	2013H6
Analysis ^d	20.07	3.55	7.88	48.60	11.11	8.79	533W
Burrus Mill & Elevator Company, Fort Worth, Texas.							
Wheat Gray Shorts and Screenings....	17.00	4.00	6.00	55.00	.....	.....	75A
Analysis ^{c58}	19.37	4.43	6.41	54.98	10.36	4.45	47F
Analysis ^{c58}	17.88	4.29	6.36	55.87	11.58	4.02	139F
Analysis.....	17.80	4.10	5.98	54.90	12.45	4.77	237F
Analysis.....	18.70	4.11	5.45	56.04	11.82	3.88	373F
Analysis ^{b c58}	18.18	4.57	7.07	56.97	8.58	4.63	57K
Analysis.....	18.79	4.97	5.88	55.07	10.94	4.35	494K
Analysis ^{c58}	18.28	4.03	6.50	55.22	11.22	4.75	63M
Analysis.....	18.43	4.76	5.63	55.63	11.84	3.71	276M
Analysis ^{c58}	18.00	4.27	6.35	55.69	11.50	4.19	46T
Analysis.....	18.53	4.18	6.08	54.38	12.39	4.44	68T
Analysis ^{b c58}	18.46	4.21	6.42	55.50	10.61	4.80	71T
Analysis.....	18.40	4.10	5.79	55.41	12.23	4.07	219T
Analysis ^{c58}	18.35	4.29	6.39	55.30	11.21	4.46	271T
Analysis.....	18.30	4.20	4.50	61.79	6.64	4.57	303T
Analysis.....	19.10	4.15	5.54	54.83	12.45	3.93	332T
Analysis.....	18.90	4.07	6.22	56.08	10.72	4.01	235W
Analysis.....	18.42	4.09	5.86	54.56	12.29	4.78	327W
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	75F
Analysis.....	17.72	4.16	9.42	52.41	10.27	6.02	434K
Bur-Tex Feed Mills, The, Burkburnett, Texas.							
Milky-Way Brand 24% Protein Dairy Feed.....	24.00	3.70	11.00	40.30	.....	.....	2215H
Analysis.....	24.98	4.18	10.15	43.24	9.73	7.72	172T
Buske & Buske Feed Mill, Shiner, Texas.							
O. K. Brand Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	128B
Analysis.....	22.25	5.38	5.60	46.21	10.21	10.35	258M

^a b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.⁵⁴Linseed meal found, not claimed.⁵⁵Not in cube form. Raw bone meal claimed, not found.⁵⁶Deficient in iodized ground limestone.⁵⁷Excess of iodized ground limestone found.⁵⁸Wheat brown shorts and screenings.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Buske & Buske Feed Mill, Shiner, Texas—Continued.							
Shiner Star Brand Laying Mash.....	19.50	3.60	7.50	46.00	.....	.....	128E
Analysis.....	20.62	5.30	7.02	48.69	9.28	9.09	62H
Analysis.....	20.75	5.24	6.87	49.31	9.00	8.83	320H
Caddo-DeSoto Cotton Oil Company, Inc., Shreveport, Louisiana.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	745A
Analysis.....	43.58	6.18	10.37	28.56	5.75	5.56	54F
Caddo 4-to-1 Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	745I
Analysis ^j	9.74	1.34	36.89	39.34	7.31	5.38	53F
Analysis ^{j b}	11.44	1.57	36.65	40.33	6.75	3.26	61F
Cain, A. M., Mercedes, Texas.							
Wheat Gray Shorts.....	15.50	4.00	6.00	55.00	.....	.....	754G
Analysis.....	17.63	5.40	5.37	56.85	10.91	3.84	13H
Analysis ⁵⁹	15.80	4.68	6.28	58.89	10.38	3.97	406H
Caldwell Future Farmers, Caldwell, Texas.							
Burleson 29% Protein Supplement for Hogs.....	29.00	3.80	10.50	33.00	.....	.....	2147A
Analysis ⁶⁰	31.38	5.74	8.30	32.62	8.75	13.21	443M
California Packing Corporation, San Francisco, California.							
Calpak's Deep "C" Brand 65% Protein Sardine Meal.....	65.00	3.00	1.00	0.00	.....	.....	450C
Analysis.....	67.25	3.43	.22	7.41	5.44	16.25	101K
Cameron Cotton Oil Company, Cameron, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	471G
Analysis.....	42.89	6.79	11.46	26.52	6.80	5.54	24W
Analysis.....	43.95	6.64	10.79	25.33	7.58	5.71	111W
Analysis.....	43.14	6.55	11.65	25.69	7.43	5.54	113W
Analysis.....	42.90	6.77	10.34	26.82	7.55	5.62	206W
Analysis.....	43.75	7.11	10.19	25.89	7.36	5.70	329W
Cameron Feed Mills, North Little Rock, Arkansas.							
Country King Horse and Mule Feed..	9.00	3.00	5.50	66.00	.....	.....	171E
Analysis ^{a 61}	9.36	3.75	4.91	67.27	11.37	3.34	322F
Money-Maker Brand Dairy Feed.....	17.00	3.80	16.00	43.50	.....	.....	171H
Analysis ^a	13.06	2.31	13.25	43.73	12.28	15.37	320F
Country Queen Dairy Feed.....	23.00	4.50	14.00	40.00	.....	.....	171I
Analysis ^{a 62}	22.02	2.77	14.93	38.46	9.79	12.03	321F
Molasses, Screenings, Peanut Hulls, Oat Hulls, Dried Sugar Cane Pith, Alfalfa Stem Meal, Oat Shorts, and Oat Middlings.....	5.00	1.00	21.00	52.50	.....	.....	171T
Analysis ^{a 63}	3.44	.47	23.89	43.59	13.86	14.75	323F
Loud Cackle Egg Mash.....	18.50	5.00	7.00	46.00	.....	.....	171U
Analysis ^{a 64}	15.95	7.54	8.98	42.68	8.63	16.22	325F
Loud Cackle Egg Mash.....	18.50	5.00	6.50	45.50	.....	.....	171U
Analysis ^a	17.80	9.97	7.91	41.98	8.24	14.10	421F

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.⁵⁹Wheat brown shorts.⁶⁰Corn meal found, not claimed.⁶¹Incorrect statement printed on bags. Statement blocked out and sale resumed.⁶²Ground rice hulls, sugar cane pith, and salt found, not claimed. Ground yellow corn claimed, not found.⁶³Ground rice hulls found, not claimed.⁶⁴Incorrect statement printed on bags. Statement blocked out and sale resumed. Wheat bran and ground rice hulls found, not claimed. Excess of ground limestone found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Cameron Feed Mills, North Little Rock, Ark.—Cont'd.							
White Mule Sweet Mixed Feed.....	9.00	2.50	15.00	55.00	.....	.....	171V
Analysis ⁶⁵	5.10	1.07	18.72	53.33	11.48	10.30	324F
White Mule Sweet Feed.....	9.00	2.50	15.00	55.00	.....	.....	171V
Analysis ⁶⁶	5.20	1.12	20.56	50.65	12.23	10.24	451F
Canadian Mill & Elevator Company, El Reno, Oklahoma.							
Canadian's Sure-Profit Brand Laying Mash.....	20.00	4.00	7.50	46.00	.....	.....	244B
Analysis.....	20.34	4.53	6.38	52.12	8.61	8.02	369K
Wheat Mixed Feed and Screenings....	16.00	4.00	8.50	52.00	.....	.....	244E
Analysis ^a	18.68	3.87	8.05	52.31	12.00	5.09	394K
Big "C" Egg Mash.....	18.00	4.00	8.00	47.00	.....	.....	244K
Analysis ⁶⁷	19.37	4.39	6.71	52.84	9.22	7.47	22K
Canadian's Sure-Profit Brand Chick Starter.....	18.00	3.70	6.00	49.00	.....	.....	244S
Analysis.....	18.40	4.72	4.73	56.63	8.23	7.29	353T
Canadian's Sure-Profit Brand Growing Mash with Manganese Sulphate.	18.00	3.60	7.00	47.00	.....	.....	244W
Analysis ^a	18.90	4.07	6.05	54.80	9.18	7.00	284K
Milky-Way Brand 20% Protein Dairy Feed.....	20.00	3.00	13.00	41.00	.....	.....	244A4
Analysis.....	20.50	3.80	9.10	47.60	9.85	9.15	315K
Canadian's Sure-Profit Brand 24% Protein Dairy Feed.....	24.00	3.20	12.50	40.00	.....	.....	244A8
Analysis.....	25.70	4.33	8.15	43.80	8.45	9.57	474K
Big "C" Ranger Mixed Feed.....	10.00	1.50	30.00	37.50	.....	.....	244A9
Analysis ⁶⁸	8.97	1.31	28.57	40.01	12.70	8.44	456K
Canfield Grain Company, Mesquite, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2448B
Analysis ^a	8.50	3.19	10.99	66.74	8.99	1.59	54T
Capps Feed Store, McKinney, Texas.							
Growing Mash.....	16.50	3.50	6.00	51.00	.....	.....	2342I
Analysis.....	18.54	4.76	5.16	53.63	10.50	7.41	417T
Chick Starter Mash.....	17.00	3.50	5.50	53.00	.....	.....	2342J
Analysis.....	18.50	4.09	3.77	57.08	10.59	5.97	272T
18% Protein Dairy Feed.....	18.00	3.50	11.00	51.00	.....	.....	2342N
Analysis ^b	19.44	3.77	8.40	53.71	7.73	6.95	190T
Carlton Feed Mill, Carlton, Texas.							
Laying Mash.....	19.00	3.80	7.50	47.00	.....	.....	2160E
Analysis.....	20.19	4.61	5.57	51.74	9.23	8.66	289W
Carmack Hatchery & Feed Store, Floydada, Texas.							
Carmack Chick Starter.....	17.00	3.50	7.50	50.00	.....	.....	438E
Analysis ^{d a69}	18.43	5.05	6.19	53.58	8.98	7.77	437K
Carrollton Feed Mills, Carrollton, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2473A
Analysis.....	8.28	3.21	10.25	68.28	8.38	1.60	56T
Whole Oat Chop.....	11.00	4.00	12.00	58.00	.....	.....	2473B
Analysis.....	11.30	4.83	9.71	61.64	8.91	3.61	4T

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.⁶⁵Ground rice hulls and salt found, not claimed. Alfalfa meal claimed, not found.⁶⁶Alfalfa meal claimed, not found. Excess of ground screenings found.⁶⁷Excess of 41% protein soybean oil meal found.⁶⁸Excess of ground limestone and salt found.⁶⁹Short in weight. Even-weighted to 100 lbs. net and sale resumed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Carrollton Feed Mills, Carrollton, Texas—Continued.							
19% Protein Dairy Feed.....	19.00	3.50	12.00	48.00	.....	.....	2473E
Analysis ⁷⁰	19.00	4.25	10.93	49.78	9.39	6.65	177T
Analysis.....	17.83	4.55	11.05	49.67	9.80	7.10	283T
Egg Mash.....	18.00	3.50	7.00	48.00	.....	.....	2473Q
Analysis.....	19.07	5.21	6.45	50.99	9.54	8.74	284T
Cash Feed House, Gladewater, Texas							
More-Milk Brand Dairy Feed.....	18.00	4.00	15.00	42.00	.....	.....	48G
Analysis.....	20.27	4.66	14.95	45.58	8.02	6.52	27F
Cash Grain and Seed Company, Waco, Texas.							
Ripley's Dairy Ration.....	18.00	3.00	19.50	39.00	.....	.....	2527A
Analysis ^a	18.45	3.40	17.99	42.58	9.45	8.13	434W
Casso, Guerra & Company, Laredo, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	696C
Analysis.....	45.28	10.81	8.70	22.85	6.21	6.15	270H
Castleberry's Feed Store, Eastland, Texas.							
Eastland Dairy Feed.....	21.50	4.60	12.00	43.50	.....	.....	788D
Analysis.....	22.38	4.69	11.60	46.38	8.70	6.25	310T
Castro County Grain Company, Dimmitt, Texas.							
Milo Head Chop.....	8.50	2.50	8.00	65.00	.....	.....	2123G
Analysis ^{b71}	11.01	2.18	7.08	67.01	7.77	4.95	477K
Center Milk Products Company, Grand Prairie, Texas.							
Condensed Buttermilk.....	10.00	2.00	0.00	10.00	.....	.....	2672A
Analysis.....	10.90	2.18	.14	12.76	69.96	4.06	121T
Central Fuel & Feed Company, Inc., Denison, Texas.							
Beamer's Dairy Feed.....	22.00	4.00	12.00	43.00	.....	.....	1901F
Analysis.....	24.07	5.58	10.85	44.68	8.87	5.95	184T
Central Kansas Mill & Elevator Company, The, Salina, Kansas, and Branches.							
Gold Bond Wheat Gray Shorts.....	16.00	3.50	6.00	55.00	.....	.....	979A
Analysis ^{d a c72}	18.48	3.99	6.35	56.85	10.33	4.00	239F
Analysis.....	18.22	4.67	5.85	55.14	12.37	3.75	301F
Gold Bond Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	979B
Analysis ^a	17.39	4.19	9.67	53.79	9.02	5.94	302F
Central Seed & Feed Store, Wichita Falls, Texas.							
Central All-Mash Chick Starter.....	16.00	3.50	5.00	55.00	.....	.....	2673A
Analysis ^j	17.33	5.10	4.21	57.37	9.04	6.95	347T
Central All-Mash Growing Mash.....	14.50	3.30	6.00	53.00	.....	.....	2673M
Analysis.....	17.66	3.99	5.83	55.35	9.11	8.06	404T
46% Protein Meat and Bone Scraps.....	46.00	10.00	3.00	0.00	.....	.....	2673A3
Analysis ⁷³	46.64	15.34	2.90	2.44	4.82	27.86	2673A3

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.⁷⁰Milo chop found, not claimed.⁷¹Bags contained illegal net weights. Defaced tags attached. Even-weighted to legal net weight and sale resumed.⁷²Wheat brown shorts.⁷³Stomach contents found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Central Seed & Feed Store, Wichita Falls, Texas—Continued.							
Central Egg Mash with Charcoal.....	20.00	3.50	6.50	43.50			2673A4
Analysis ^c	22.90	5.40	6.90	46.42	8.39	9.99	164T
Central Texas Oil Company, Mart, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			574G
Analysis.....	45.21	7.64	9.35	25.29	6.80	5.71	267K
Analysis.....	44.73	7.12	9.50	25.62	7.61	5.42	106W
Analysis.....	44.13	7.51	9.11	25.94	7.50	5.81	163W
Analysis ^c	40.88	8.09	11.09	24.80	9.60	5.54	254W
Analysis.....	44.15	7.78	8.79	25.08	8.17	6.03	347W
Challenge Cream & Butter Association, Los Angeles, California.							
Dried Buttermilk.....	32.00	5.00	1.00	35.00			825A
Analysis ^{d a}	34.14	5.84	.13	46.74	5.45	7.70	342W
Chapin Feed Company, Minneapolis, Minnesota.							
Dried Buttermilk.....	32.00	5.00	1.00	35.00			564A
Analysis.....	33.34	7.01	.20	43.68	7.40	8.37	256T
Chapman Mills, Goldthwaite, Texas.							
Milco Brand Cow Feed.....	15.00	3.20	17.50	46.00			1491A
Analysis ^{d a}	16.59	3.90	17.29	46.79	9.75	5.68	187W
Chatfield, C. H., Crowell, Texas.							
Ground Cane Heads, Stalks and Stems							
Analysis ^{d i a74}	9.28	1.95	19.55	48.82	8.97	11.43	144K
Chavez Commission Company, El Paso, Texas.							
Hi-Quality Brand Laying Mash with							
Alfalfa Meal.....	18.50	3.50	8.00	45.00			1402A
Analysis ⁷⁵	21.41	5.26	5.04	51.02	8.26	9.01	326S
Chickasha Cotton Oil Company, Chickasha, Oklahoma.							
Chickasha Quality Brand 43% Protein							
Cottonseed Cake.....	43.00	6.00	12.00	23.00			1301F
Analysis ^k	44.59	5.95	10.19	27.17	6.55	5.55	299K
Chickasha Quality Brand 43% Protein							
Cottonseed Pellets.....	43.00	5.20	12.00	25.00			1301M
Analysis.....	42.96	6.76	9.64	27.45	7.80	5.39	203K
Chickasha Quality Brand 43% Protein							
Coarse Cottonseed Meal.....	43.00	6.00	12.00	23.00			1301N
Analysis ^{b c76}	42.34	6.96	8.03	27.10	10.17	5.40	295K
Analysis.....	44.01	6.45	9.97	27.42	6.65	5.50	301K
Chic-O-Line Feed Mills, Hobart, Oklahoma.							
Chic-O-Line Turkey Starter.....	24.00	4.00	6.00	42.00			1878B
Analysis ^{a77}	24.95	4.60	6.52	45.44	8.08	10.41	485K
Hotshot Cow Feed.....	13.00	2.00	22.00	45.00			1878J
Analysis ⁷⁸	15.07	1.67	9.34	49.94	12.51	11.47	531K
Circle C Laying Mash.....	18.00	3.50	7.00	46.00			1878E
Analysis.....	19.00	4.11	8.40	53.53	7.31	7.65	21K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁷⁴Used in feeding stock of manufacturer.⁷⁵Excess of ground oyster shell found.⁷⁶In pellet form. Off quality.⁷⁷Short in weight. Even-weighted to 100 lbs. net and sale resumed.⁷⁸Deficient in ground limestone.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Chic-O-Line Feed Mills, Hobart, Oklahoma—Continued.							
Chic-O-Line Baby Chick Starter with Manganese Sulphate.....	17.00	3.50	6.00	53.00	.....	.....	1878F
Analysis ^e	18.74	4.01	5.64	55.22	9.90	6.49	303K
Chic-O-Line Egg Mash with Manganese Sulphate.....	20.00	3.50	7.00	47.00	.....	.....	1878G
Analysis ^e	21.71	4.42	7.85	49.43	7.25	9.34	44K
Chic-O-Line Growing Mash.....	17.00	3.50	7.00	50.00	.....	.....	1878S
Analysis.....	18.12	3.74	7.00	53.03	10.89	7.22	392K
Chic-O-Line Pullet Developer.....	16.00	3.50	7.50	58.00	.....	.....	1878T
Analysis.....	17.94	4.09	6.58	53.33	8.62	9.44	540K
Childress Cotton Oil Mill, Inc., Childress, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1122A
Analysis.....	44.76	5.02	10.01	27.35	7.18	5.68	388K
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1122B
Analysis.....	44.20	5.38	11.72	28.15	5.03	5.52	47K
Analysis.....	43.01	5.92	11.78	28.21	5.60	5.48	139K
Analysis.....	44.40	5.01	11.01	27.71	6.45	5.42	405K
43% Protein Cottonseed Cubes.....	43.00	6.00	12.00	23.00	.....	.....	1122F
Analysis.....	43.08	6.05	10.00	26.90	7.99	5.98	378K
43% Protein Coarse Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1122H
Analysis.....	43.25	5.69	9.33	27.64	7.33	6.76	236K
Chillicothe Cotton Oil Company, Chillicothe, Texas.							
Mixed Feed No. 1.....	11.80	1.70	38.00	36.00	.....	.....	2396E
Analysis.....	12.10	2.60	35.60	39.58	6.60	3.52	416K
43% Protein Coarse Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	2396K
Analysis.....	43.23	5.57	10.66	29.04	5.93	5.57	20K
Analysis.....	43.66	8.11	10.30	27.38	5.04	5.51	280K
City of Abilene, The, Abilene, Texas.							
Clover Leaf Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	378A
Analysis.....	51.50	13.70	1.88	2.62	5.04	25.26	10S
City Grocery & Market, Eagle Pass, Texas.							
Wheat Mixed Feed and Screenings....	16.00	3.50	8.50	52.00	.....	.....	2171A
Analysis ⁷⁹	18.51	4.35	10.31	52.28	9.45	5.10	275H
City Packing Company, Fort Worth, Texas.							
Rosenthal's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	2.00	.....	.....	2636A
Analysis.....	53.53	10.09	1.63	2.00	5.08	27.67	38T
Analysis.....	51.08	13.18	2.09	2.01	5.64	26.00	108T
Analysis ⁸⁰	50.78	10.90	2.39	2.90	7.55	25.48	123T
Clark Bros. Feed Store, Stamford, Texas.							
Clark Bros. 6 Plus 6 Cow Feed.....	19.00	4.00	12.00	49.00	.....	.....	640A
Analysis.....	18.93	4.14	9.43	51.37	9.78	6.35	68S
Clark Bros. Laying Mash.....	19.50	4.00	6.50	48.00	.....	.....	640D
Analysis.....	19.86	4.50	5.62	53.10	9.08	7.84	69S
Analysis.....	20.74	4.19	5.19	50.55	9.75	9.58	467S
Clark Bros. Chick Starter.....	17.50	3.50	6.00	48.00	.....	.....	640E
Analysis ⁸¹	17.23	4.40	4.82	55.89	9.43	8.23	304S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁷⁹Wheat bran and screenings.⁸⁰Carbonate of lime found.⁸¹Carbonate of lime found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Clark Bros. Feed Store, Stamford, Texas—Continued.							
Clark Bros. 6 Plus 6 Growing Mash..	17.50	3.60	6.50	51.00	.....	.....	640I
Analysis ⁸¹	17.71	4.05	4.86	54.91	9.85	8.62	368S
Clark's Feed Store, Henry, Stephenville, Texas.							
Henry Clark's Six-Plus-Six Cow Feed.	18.70	4.00	12.00	51.00	.....	.....	1063M
Analysis.....	17.65	4.42	12.96	51.93	8.01	5.03	83T
Analysis ⁸²	18.17	3.97	13.28	48.95	10.19	5.44	153T
Analysis.....	19.38	4.25	11.18	49.44	10.45	5.30	438T
Analysis ⁸³	18.48	4.35	13.69	49.11	8.41	5.96	70W
Analysis ⁸⁴	18.76	4.64	12.03	50.41	8.96	5.20	281W
Henry Clark's Laying Mash.....	19.50	3.70	5.50	45.00	.....	.....	1063U
Analysis ⁸⁵	22.49	5.35	6.26	48.70	7.90	9.30	319T
6 Plus 6 Baby Chick Starter.....	18.80	3.50	7.00	49.50	.....	.....	1063W
Analysis ⁸⁶	20.75	4.93	4.33	53.61	8.97	7.41	379T
Analysis.....	20.29	4.66	5.49	52.28	9.31	7.97	389W
6 Plus 6 Laying Mash.....	20.00	4.00	8.00	49.00	.....	.....	1063X
Analysis.....	20.46	5.00	5.57	51.04	10.29	7.64	293W
Henry Clark's 6 Plus 6 Growing Mash	17.50	3.60	7.00	46.00	.....	.....	1063A5
Analysis ⁸⁷	19.00	4.86	5.19	54.68	9.65	6.62	474W
Clark Seed Company, Roy E., Brownsville, Texas.							
25% Protein Whole-Pressed Cottonseed.....	25.00	6.00	25.00	29.00	.....	.....	1401D
Analysis.....	26.27	5.55	22.88	33.25	7.29	4.76	460H
Clarksville Cotton Oil Company, Clarksville, Texas.							
Clarko 43% Protein Cottonseed Cake.	43.00	6.00	12.00	23.00	.....	.....	223F
Analysis.....	44.25	7.50	8.77	26.38	7.03	6.07	138F
Clarko 43% Protein Cottonseed Meal.	43.00	6.00	12.00	23.00	.....	.....	223G
Analysis.....	43.02	7.50	9.58	27.32	6.58	6.00	137F
Analysis.....	43.98	7.43	9.16	26.01	7.30	6.12	428F
Analysis.....	42.79	8.42	9.60	26.59	6.51	6.09	175T
Clayton Gin Company, Dallas, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1554A
Analysis.....	8.40	3.05	9.39	66.98	10.45	1.73	369T
Clement Grain Company, Waco, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1894G
Analysis.....	8.60	3.18	10.10	65.01	10.52	2.59	318W
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1894H
Analysis ⁸⁸	10.63	3.98	9.19	62.89	9.86	3.45	111F
Cen-Tex 24% Protein Dairy Feed.....	24.00	4.40	11.50	41.00	.....	.....	1894M
Analysis ⁸⁹	25.18	4.36	9.78	42.63	11.50	6.55	275F
Cen-Tex 18% Protein Dairy Cow Feed	18.00	3.40	12.00	49.00	.....	.....	1894N
Analysis ⁹⁰	20.88	3.55	9.08	47.76	10.40	8.33	349W
Cen-Tex Baby Chick Starter.....	17.60	3.40	6.00	50.50	.....	.....	1894O
Analysis.....	18.46	4.35	5.09	53.93	10.07	8.10	309W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

⁸¹Carbonate of lime found, not claimed.⁸²Excess of salt found.⁸³Deficient in salt.⁸⁴Raw bone meal claimed, not found.⁸⁵Ground peanut hay substituted for alfalfa meal.⁸⁶Finely ground whole barley claimed, not found.⁸⁷Alfalfa meal claimed, not found.⁸⁸Corn meal and milo meal present.⁸⁹Deficient in pulverized oyster shell and salt.⁹⁰Rice bran found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Clement Grain Company, Waco, Texas—Continued.							
Cen-Tex Growing Chick Mash.....	17.50	3.40	6.30	51.00	.....	.....	1894Q
Analysis ⁹⁰	17.60	6.04	5.36	53.62	9.00	8.38	343W
Cen-Tex Horse Feed.....	10.00	3.00	9.50	60.00	.....	.....	1894A2
Analysis.....	10.08	4.20	6.12	63.74	10.26	5.60	442W
Cen-Tex 9% Protein Sweet Feed.....	9.00	1.50	17.00	46.00	.....	.....	1894B1
Analysis.....	8.85	2.31	13.98	52.71	9.65	12.50	48M
Analysis ⁹¹	7.23	1.05	16.02	49.72	12.58	13.40	427W
Cen-Tex Rice Hulls, Molasses, Milo Head Stems, Corn Husk, Cottonseed Meal, Corn Chop, Oyster Shell, and Salt.....	6.00	1.00	19.00	46.00	.....	.....	1894B2
Analysis ^{h92}	6.46	.31	21.56	47.59	12.65	11.43	155F
Analysis ^{h92}	8.31	1.39	16.75	52.16	10.39	11.00	160F
Extra Special Brand "5" Egg Mash.....	20.50	3.50	7.40	44.60	.....	.....	1894B3
Analysis.....	20.38	5.17	6.38	50.96	7.69	9.42	22W
Cen-Tex Rice Hulls, Molasses, Screenings, Corn Husk, Corn Chop, Oyster Shell and Salt.....	3.50	1.00	18.00	50.00	.....	.....	1894C2
Analysis ^{h92}	8.00	2.20	12.33	55.91	10.11	11.45	42F
Cliff Grain Company, Dallas, Texas.							
Cliff Grain Flock Ration with Charcoal.....	18.00	3.50	8.00	48.00	.....	.....	1522M
Analysis.....	19.52	5.32	6.89	50.86	8.60	8.81	130W
Clinton Company, Clinton, Iowa.							
Clinton Corn Gluten Feed.....	25.00	2.00	8.50	49.00	.....	.....	2415A
Analysis ^a	26.60	2.63	7.75	47.77	8.86	6.39	159F
Cole and Company, R. L., Krum, Texas.							
Whole Oat Chop.....	11.00	4.00	12.00	58.00	.....	.....	1396N
Analysis ⁹³	12.55	5.16	11.76	58.27	9.08	3.18	212T
Gold Dollar Brand Egg Mash.....	18.00	3.50	5.50	51.00	.....	.....	1396T
Analysis.....	19.26	4.43	4.61	53.12	9.77	8.81	465T
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1396U
Analysis.....	10.20	3.37	8.07	65.69	10.05	2.62	213T
Cole Feed Company, Dallas, Texas.							
Diamond Brand Starter and Growing Mash.....	14.00	3.20	6.00	54.00	.....	.....	1424D
Analysis.....	16.52	4.93	4.25	57.82	9.28	7.20	341T
Analysis.....	18.24	4.67	6.83	52.29	10.17	7.80	422T
Sunshine Laying Mash.....	18.00	3.60	7.50	48.00	.....	.....	1424F
Analysis ⁹⁴	16.04	5.08	6.04	58.92	7.96	5.96	52T
Analysis.....	15.53	5.19	6.13	56.94	9.84	6.37	130T
Coleman Cotton Oil Mill, Coleman, Texas.							
Panther Brand Mixed Feed.....	11.70	1.70	36.50	35.00	.....	.....	2051A
Analysis.....	11.90	1.70	32.12	42.64	5.65	5.99	356S
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	2051C
Analysis.....	43.18	6.16	9.29	27.31	7.53	6.53	138S
Analysis.....	42.79	7.79	11.33	26.35	6.80	4.94	215S
Analysis ^c	41.04	6.30	11.05	28.36	7.30	5.95	290S

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.⁹⁰Rice bran found, not claimed.⁹¹Rice bran found, not claimed. 43% protein cottonseed meal claimed, not found.⁹²Unauthorized statement printed on bags. Statement blocked out and sale resumed.⁹³Ear corn chop with husk present.⁹⁴Charcoal found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Coleman Cotton Oil Mill, Coleman, Texas—Continued.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	2051D
Analysis.....	45.13	6.34	9.75	27.37	6.03	5.38	53S
Analysis.....	43.05	5.78	8.76	28.74	7.23	6.44	137S
Analysis.....	45.24	5.61	10.59	26.72	6.79	5.05	216S
Analysis.....	43.77	6.17	10.37	27.03	7.66	5.00	264S
Analysis.....	43.96	6.20	10.91	26.41	7.45	5.07	291S
Panther Brand Laying Mash.....	19.00	4.00	7.50	46.00	.....	.....	2051G
Analysis.....	19.68	5.00	6.28	50.18	10.25	8.61	292S
Consumers Special Egg Mash.....	19.00	4.00	7.50	46.00	.....	.....	2051K
Analysis.....	20.57	4.55	7.46	53.52	9.80	4.10	293S
Cotton Bloom Brand 32% Protein Concentrate for Laying Hens.....	32.00	5.00	7.00	27.00	.....	.....	2051S
Analysis.....	31.31	5.20	5.70	32.63	9.55	15.61	464S
Cotton Bloom Brand Poultry Station Fattener.....	13.50	3.50	5.50	56.00	.....	.....	2051U
Analysis.....	16.00	3.88	4.86	58.30	11.05	5.91	463S
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00	.....	.....	2051Y
Analysis.....	20.00	4.59	4.90	53.79	9.67	7.05	418S
Cotton Bloom Brand Growing Mash.....	18.50	4.00	6.50	52.00	.....	.....	2051Z
Analysis.....	19.84	4.59	4.81	54.91	9.70	6.15	307S
Collin County Cotton Oil Company, McKinney, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	809B
Analysis.....	44.09	6.83	10.44	27.17	6.00	5.47	178T
Colorado Milling Company, Colorado City, Texas.							
20% Protein Dairy Feed.....	20.00	3.00	12.00	45.00	.....	.....	1325K
Analysis.....	20.50	3.27	9.65	49.34	9.42	7.82	434S
Comanche Milling Company, Comanche, Texas.							
Hoff's Sweet Egg Mash.....	19.00	3.60	8.00	48.00	.....	.....	2613W
Analysis.....	20.88	4.61	6.71	50.29	9.01	8.50	392W
Commerce Oil Mill Company, Commerce, Texas.							
43% Protein Sheep-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	150C
Analysis.....	43.05	6.05	11.60	25.98	7.87	5.45	287F
Hereford Brand Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	150F
Analysis.....	10.34	1.92	38.82	38.93	6.57	3.42	379F
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	150G
Analysis.....	43.53	6.37	10.79	26.15	7.59	5.57	102F
Analysis.....	44.10	6.55	9.72	25.46	8.50	5.67	378F
Community Milling Company, El Paso, Texas.							
Victory Chick Starter.....	15.00	4.00	5.00	55.00	.....	.....	2341F
Analysis.....	17.14	4.88	4.55	59.26	8.51	5.66	328S
Victory Laying Mash with Charcoal.....	18.00	4.00	7.00	51.00	.....	.....	2341K
Analysis ⁹⁵	19.72	4.05	5.04	54.11	9.60	7.48	175S
Victory Laying Mash.....	18.00	4.00	7.00	51.00	.....	.....	2341K
Analysis.....	20.95	6.19	5.07	52.77	7.58	7.44	442S
Community Dairy Feed.....	15.00	3.80	8.20	55.00	.....	.....	2341L
Analysis.....	17.08	4.79	7.99	55.64	10.55	3.95	250S
Victory Growing Mash.....	14.00	3.50	8.00	55.50	.....	.....	2341U
Analysis.....	16.13	5.51	3.99	59.94	9.25	5.18	394S

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

⁹⁵Carbonate of lime found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Compton, E. C., Lipan, Texas.							
Compton's Egg Mash with Charcoal..	19.50	3.60	8.00	46.50	.....	.....	785A
Analysis ^a	18.61	4.60	9.66	50.19	10.32	6.62	138T
Conkey Feed Mills of Texas, The, Dallas, Texas.							
Big-Value Brand Egg Mash with Cod Liver Oil.....	18.50	4.00	7.50	46.00	.....	.....	1327C
Analysis.....	19.30	5.08	6.54	51.95	10.04	7.09	214T
Conkey's Y-O Brand Growing Mash.....	18.00	4.00	8.00	50.00	.....	.....	1327O
Analysis.....	19.30	4.70	5.10	54.85	10.65	5.40	464W
Conkey's Y-O Brand Egg Mash.....	20.00	4.00	8.00	45.00	.....	.....	1327P
Analysis.....	21.62	4.83	5.07	52.44	9.24	6.80	389T
Conkey's Big-Value Brand Dairy Feed.....	19.00	3.00	9.00	43.00	.....	.....	1327Z
Analysis.....	20.16	2.69	9.85	49.92	9.94	7.44	391T
Peanut Hulls and Molasses.....	6.70	1.00	41.00	35.00	.....	.....	1327B6
Analysis.....	5.53	.26	32.67	37.37	17.82	6.35	129T
Analysis.....	6.20	.78	29.94	38.73	18.68	5.67	158T
Ground Whole Oats and Screenings..	10.50	3.60	11.50	58.50	.....	.....	1327C3
Analysis.....	11.20	4.71	12.38	57.09	7.86	6.76	251T
Big-Value Brand Egg Mash Pellets with Cod Liver Oil.....	18.50	4.00	7.50	46.00	.....	.....	1327G7
Analysis ⁹⁶	18.45	4.92	6.03	56.46	9.06	5.08	331T
Consolidated Flour Mills Company, The, Wichita, Kansas.							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	2506B
Analysis.....	17.28	4.13	10.53	52.32	9.20	6.54	109K
Wheat Gray Shorts and Screenings...	17.00	3.50	6.00	55.00	.....	.....	2506F
Analysis.....	17.30	4.60	5.84	56.35	11.91	4.00	223F
Analysis.....	18.96	4.25	5.74	57.44	9.67	3.94	43K
Analysis.....	18.65	4.29	5.55	56.20	11.42	3.89	135K
Analysis.....	19.10	4.41	5.75	55.95	10.82	3.97	88M
Analysis.....	19.08	4.50	5.53	57.95	8.38	4.56	21T
Analysis.....	18.55	4.56	5.54	55.41	12.10	3.84	152T
Analysis.....	18.31	4.34	5.56	56.47	11.52	3.80	142W
Consolidated Products Company, Danville, Illinois.							
Dried Buttermilk.....	30.00	5.50	0.00	40.00	.....	.....	835B
Analysis.....	36.34	6.02	.19	41.66	6.48	9.31	291M
Analysis ^a	33.60	8.58	.11	33.08	11.03	13.60	220W
Analysis ^a	30.55	6.59	.09	46.80	5.81	10.16	422W
Consumers Fuel, Grain & Ice Company, Houston, Texas.							
Consumers' Dairy Feed.....	18.00	4.30	13.50	46.00	.....	.....	1358A
Analysis.....	20.58	5.37	10.46	49.52	7.58	6.49	2M
Bluebonnet Scratch Feed.....	10.00	3.00	4.00	68.00	.....	.....	1358B
Analysis.....	10.78	3.02	2.19	69.65	12.71	1.65	364M
Continental Oil-Cotton Company, Colorado City, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	800A
Analysis.....	43.63	6.60	11.09	26.83	6.48	5.37	82S
Analysis.....	44.11	7.33	10.09	26.45	6.80	5.22	166S
Analysis.....	43.88	6.73	10.57	27.21	6.22	5.39	209S
Analysis.....	42.99	7.08	10.54	27.28	6.19	5.92	283S
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	800B
Analysis.....	43.43	5.69	10.41	28.23	7.02	5.22	210S
Analysis.....	45.59	6.19	9.50	26.55	6.65	5.52	284S
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	800F
Analysis ^c	41.04	5.73	10.34	26.73	10.79	5.37	282S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁹⁶Deficient in ground oyster shell and salt.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939,
to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Cook Company, The, McAllen, Texas.							
Cook's Sweet Cow Feed.....	15.50	2.80	18.00	43.00	.....	.....	132C
Analysis ⁹⁷	18.77	3.25	15.98	44.12	8.71	9.17	20H
Cook's Feed Store, Dallas, Texas.							
Cook's Special Mixed Feed.....	20.00	4.00	11.00	48.00	.....	.....	876A
Analysis.....	20.56	4.90	9.92	49.72	8.85	6.05	191T
Analysis.....	19.61	6.08	10.09	47.22	9.49	7.51	443T
Cooper Cotton Oil Company, Cooper, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	149C
Analysis.....	44.51	6.51	9.77	25.00	8.16	6.05	177F
Analysis.....	45.10	6.25	9.10	24.93	8.63	5.99	485F
Al-Co Cow Feed.....	15.00	2.20	29.30	39.40	.....	.....	149H
Analysis ^e	15.70	2.93	31.05	38.91	6.49	4.92	90F
Al-Co Cow Feed.....	15.00	2.00	29.00	39.00	.....	.....	149H
Analysis.....	15.85	2.55	28.92	39.57	7.98	5.13	431F
Analysis.....	14.65	2.16	30.36	37.55	9.97	5.31	486F
43% Protein Pea-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	149J
Analysis.....	43.98	6.72	10.00	25.54	7.70	6.06	176F
Cordell Milling Company, Cordell, Oklahoma.							
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	359A
Analysis ^{e98}	19.54	3.55	5.39	58.27	9.81	3.44	142K
Corley Brothers, Port Arthur, Texas.							
Special 18% Protein Dairy Feed.....	18.00	4.00	13.00	48.00	.....	.....	1391B
Analysis ^a	17.89	4.73	9.43	50.36	9.23	8.36	431M
Corn Products Refining Company, New York, New York.							
Buffalo Corn Gluten Feed.....	25.00	2.00	8.50	41.50	.....	.....	2309A
Analysis.....	27.13	2.40	7.85	45.92	10.65	6.05	182M
Analysis ^e	26.60	2.79	7.75	48.96	7.39	6.51	6W
Buffalo Corn Gluten Feed.....	23.00	2.00	8.50	46.00	.....	.....	2309A
Analysis ^a	24.32	1.78	8.48	50.17	9.10	6.15	310F
Corpus Christi Cotton Oil Mill, Corpus Christi, Texas.							
37% Protein Linseed Cake.....	37.00	4.50	9.00	31.00	.....	.....	1845B
Analysis.....	37.30	6.04	8.31	32.84	9.81	5.70	485S
37% Protein Linseed Meal.....	37.00	4.50	9.00	31.00	.....	.....	1845E
Analysis.....	37.70	5.59	7.15	31.21	13.37	4.98	333H
Analysis.....	37.95	5.10	8.19	33.38	9.60	5.78	451H
Analysis.....	38.00	7.30	7.75	33.50	8.95	4.50	468H
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1845F
Analysis.....	42.98	5.26	11.62	27.86	6.79	5.49	1H
Analysis ^e	41.93	5.65	11.88	27.67	7.35	5.52	84H
Analysis.....	42.82	5.13	11.52	26.93	8.05	5.55	187H
Coryell County Cotton Oil Company, Gatesville, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	490G
Analysis.....	42.17	7.91	10.70	26.92	7.03	5.27	166W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	490H
Analysis.....	44.17	7.51	10.25	26.43	6.25	5.39	77W
Analysis.....	45.65	6.53	9.00	27.26	6.07	5.49	93W
Analysis.....	43.42	6.14	10.64	25.97	8.45	5.38	305W

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.⁹⁷Salt found, not claimed.⁹⁸Ground wheat screenings present.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Coryell County Cotton Oil Company, Gatesville, Texas—Continued.							
Golden Gate Growing Mash.....	17.70	3.60	8.30	48.50	.....	.....	490P
Analysis.....	19.00	4.50	8.31	51.75	7.80	8.64	480W
Cotterly Hatchery & Feed Store, Wichita Falls, Texas.							
Cotterly's Sure-Lay Brand Egg Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	2533C
Analysis.....	20.83	5.20	7.21	47.28	9.11	10.37	93T
Cotterly's Big C Brand Chick Starter.....	17.00	3.50	5.50	52.00	.....	.....	2533D
Analysis.....	19.35	4.56	4.05	56.43	9.36	6.25	349T
Cowan Grain Company, W. C., Tulia, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1375D
Analysis.....	11.90	5.32	12.13	57.93	8.76	3.96	516K
Crawford Grain & Elevator Company, Houston, Texas.							
Blue Bird Horse and Mule Feed.....	11.50	2.70	13.00	56.50	.....	.....	870B
Analysis.....	12.00	3.37	11.59	55.63	12.43	4.98	358M
Money-Maker Brand Egg Mash with Charcoal and Minerals.....	20.00	3.70	6.50	47.00	.....	.....	870J
Analysis.....	21.48	5.12	5.95	50.80	9.48	7.17	300M
Sheldon's Start-to-Finish Mash with Red Oxide of Iron.....	19.00	4.00	5.50	47.00	.....	.....	870L
Analysis..... ⁹⁹	22.90	5.71	5.16	49.02	8.40	8.81	20M
Money-Maker Brand Mixed Cow Feed.....	21.00	3.50	14.00	40.00	.....	.....	870M
Analysis.....	22.38	3.91	12.24	44.33	9.31	7.83	21M
Peanut Hulls and Molasses.....	6.50	1.00	41.80	34.50	.....	.....	870B2
Analysis.....	7.46	.61	31.59	37.97	15.22	7.15	74M
Crawford's Special Dairy Feed.....	18.00	3.50	13.00	46.00	.....	.....	870B8
Analysis.....	19.50	4.60	12.40	45.27	11.05	7.18	409M
Creech, W. M., Olney, Texas.							
Olney Maid Laying Mash.....	18.20	3.50	7.20	49.50	.....	.....	909F
Analysis.....	20.25	4.15	4.89	52.53	7.81	10.37	89T
Olney Maid Chick Starter.....	18.00	3.60	5.50	53.50	.....	.....	909K
Analysis.....	19.70	4.37	5.05	55.61	8.77	6.50	346T
Olney Maid Growing Mash.....	16.00	3.50	6.00	51.00	.....	.....	909L
Analysis.....	17.78	4.31	6.63	53.70	9.46	8.12	403T
Crockett Cotton Oil Mill, Crockett, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	573K
Analysis.....	41.65	7.36	11.01	26.99	7.30	5.69	21F
Analysis.....	40.49	6.95	11.62	27.99	7.39	5.56	44F
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	573L
Analysis.....	44.54	7.07	9.49	27.46	5.46	5.98	41F
Crosbyton Elevator Company, Crosbyton, Texas.							
Our-Own Brand Growing Mash.....	16.00	3.50	8.00	53.00	.....	.....	1511H
Analysis.....	18.61	3.81	6.82	55.97	8.64	6.15	544K
Crosbyton Grain Growers, Inc., Crosbyton, Texas.							
Ground Milo Stalks and Stems with Molasses.....	4.50	0.80	20.00	55.00	.....	.....	1738H
Analysis..... ^a	6.93	.80	19.29	53.99	9.55	9.44	60K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁹⁹Excess of ground limestone found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Crowley Feed Company, San Antonio, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	.....	.....	827A
Analysis ^a	8.10	2.96	10.49	65.01	11.74	1.70	277H
Ground Whole Oats	11.00	4.00	12.00	58.00	.....	.....	827F
Analysis ¹⁰⁰	10.91	5.06	16.11	52.95	8.78	6.19	39H
Crowley's 20% Protein Laying Mash	20.00	3.60	6.80	49.00	.....	.....	827K
Analysis ¹⁰¹	21.25	5.81	7.72	48.31	8.91	8.00	426H
Crowley's 18% Protein Dairy Feed	18.00	3.50	11.00	45.50	.....	.....	827N
Analysis ¹⁰²	19.93	4.01	11.21	47.65	8.95	8.25	35H
Analysis ¹⁰³	17.25	3.29	9.68	49.36	12.06	8.36	205H
Analysis ¹⁰⁴	20.11	4.30	10.22	45.78	11.27	8.32	469H
Crowley's 5 Laying Mash with Charcoal	20.00	3.50	7.50	46.00	.....	.....	827P
Analysis ^e	21.40	5.14	7.29	46.46	10.05	9.66	206H
Crowley's 36% Protein Supplement with Charcoal for Pigs and Hogs	36.00	4.00	9.00	25.00	.....	.....	827Q
Analysis ^e	39.79	7.16	8.53	20.84	7.96	15.72	36H
Crowley's 17.50% Protein All-Mash Starter	17.50	3.50	5.50	53.00	.....	.....	827R
Analysis	18.50	5.25	5.73	52.77	9.19	8.56	390H
Peanut Hulls, Rice Hulls, Molasses, Peanut Hay, Ear Corn Chop with Husk, Brewers' Dried Grains, and Cottonseed Meal	7.50	1.50	34.50	36.00	.....	.....	827Z
Analysis	8.53	3.40	33.74	34.67	10.71	8.95	74H
Analysis ^e	8.02	1.05	33.41	35.79	12.07	9.66	199H
3 Star Brand 18% Protein Laying Mash	18.00	3.50	7.00	46.50	.....	.....	827A8
Analysis	20.32	5.56	6.99	46.96	10.10	10.07	240H
Cuero Cotton Oil & Manufacturing Company, Cuero, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	.....	.....	402K
Analysis	43.02	6.07	11.79	25.79	8.21	5.12	148H
Analysis	43.41	5.74	11.11	25.75	8.61	5.38	197H
Analysis	43.88	5.93	10.58	25.83	8.46	5.32	212H
Analysis	43.24	5.85	11.20	25.94	8.41	5.36	216H
Analysis	42.89	6.03	11.73	25.91	7.97	5.47	193W
43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00	.....	.....	402L
Analysis	44.42	6.01	10.24	26.33	7.59	5.41	198H
Curl, Blake, Tolar, Texas.							
Blake Curl's Laying Mash with Charcoal	19.50	4.00	6.80	47.00	.....	.....	1692A
Analysis ^e	19.05	4.81	7.26	49.57	8.16	11.15	156T
Dallas Animal By-Products Company, Dallas, Texas, and Branches.							
Golden Brand Special 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	.....	.....	1534B
Analysis	50.08	9.44	2.05	0.89	6.86	30.68	171F
Analysis ^a	49.97	10.13	1.51	1.03	5.41	31.95	10M
Analysis ¹⁰⁵	49.01	11.31	1.52	1.11	5.10	31.95	66T
Analysis ^e	48.83	10.13	1.58	1.18	6.29	31.99	92T
Analysis	53.65	9.34	1.52	1.28	5.94	28.27	348T
Analysis	53.88	9.21	1.01	.95	6.38	28.57	387T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁰⁰Excess of oat hulls present.¹⁰¹Milo chop found, not claimed.¹⁰²Soybean oil meal and ground rice hulls found, not claimed.¹⁰³Deficient in powdered oyster shell.¹⁰⁴Deficient in powdered oyster shell and salt.¹⁰⁵Carbonate of lime present.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dallas Animal By-Products Company, Dallas, Texas, and Branches— Continued.							
Golden Brand Special 50% Protein Meat and Bone Scraps—Continued.							
Analysis ^{a c}	49.10	9.93	1.66	1.22	6.99	31.10	271W
Analysis ^a	53.42	10.12	1.74	.53	7.19	27.00	275W
Golden Brand 55% Protein Improved Meat and Bone Scraps.....	55.00	3.00	3.00	0.00	.....	.....	1534H
Analysis.....	55.36	3.63	1.91	1.58	5.53	31.99	427S
Analysis ¹⁰⁶	56.10	4.60	2.03	.95	5.67	30.65	508W
Dallas Oil & Refining Company, Dallas, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	289G
Analysis ^{a e 107}	41.91	6.62	11.45	27.56	6.97	5.49	245T
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	289H
Analysis.....	43.37	6.25	11.14	26.00	7.52	5.72	246T
Dannen Grain & Milling Company, Saint Joseph, Missouri.							
41% Protein Soybean Oil Meal.....	41.00	4.00	7.00	29.00	.....	.....	1418A
Analysis.....	43.84	5.83	5.39	29.65	9.54	5.75	1418A
Dansby Feed Mills, Clifton, Texas.							
Dansby's Growing Mash.....	18.00	4.00	8.00	49.00	.....	.....	2100E
Analysis.....	19.30	4.10	7.75	49.93	10.10	8.82	468W
Dansby's All-Mash Chick Starter.....	16.50	3.50	6.00	51.00	.....	.....	2100F
Analysis.....	17.52	4.70	4.83	56.11	9.05	7.79	383W
Dansby's Laying Mash.....	20.00	3.50	7.50	45.00	.....	.....	2100G
Analysis.....	18.94	4.70	6.60	50.20	8.39	11.17	156W
Analysis ¹⁰⁸	20.60	5.59	7.76	46.68	9.59	9.78	276W
Dansby Mill & Feed Store, W. H., Clifton, Texas.							
Dansby's Laying Mash.....	20.00	3.50	7.50	45.00	.....	.....	2100G
Analysis ^a	19.48	4.61	7.07	49.67	8.24	10.93	67W
Daugherty Grain Company, Bartlett, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2109A
Analysis ^a	8.38	2.86	9.69	64.94	11.10	3.03	383H
Davis Feed Store, San Antonio, Texas.							
A. C. Pride Brand Laying Mash.....	20.00	3.50	6.20	44.00	.....	.....	1023E
Analysis.....	21.40	5.07	5.79	49.81	8.72	9.21	70H
Davis Feed Store, John, Big Spring, Texas.							
Davis' Dairy Feed.....	18.00	3.00	11.00	50.00	.....	.....	667A
Analysis.....	20.18	3.35	10.35	49.58	9.82	6.72	313S
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	667C
Analysis ¹⁰⁹	14.30	1.65	25.59	37.87	11.15	9.44	435S
Davis Poultry Farm, Rule, Texas.							
Davis Egg-Maker Laying Mash.....	19.00	3.60	6.00	50.00	.....	.....	848A
Analysis.....	19.60	4.18	6.77	50.45	8.97	10.03	301S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁰⁶Some hoof and horn meal present.¹⁰⁷Blended with high-protein meal and sale resumed.¹⁰⁸Deficient in ground oyster shell.¹⁰⁹Some wild grass and kafir present.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dawe & Son, Thos., Gonzales, Texas.							
Laying Mash with Charcoal.....	18.00	3.50	6.50	50.00	.....	.....	1717D
Analysis ^a	19.57	4.60	5.27	52.98	10.18	7.40	155H
Starter and Developer Mash with Charcoal.....	16.00	3.30	6.50	53.00	.....	.....	1717E
Analysis ^a	18.26	4.56	5.16	55.57	9.75	6.70	154H
Starter and Developer Mash.....	16.00	3.30	6.50	53.00	.....	.....	1717E
Analysis.....	18.20	4.50	4.47	55.64	11.52	5.67	362H
Dawe's Vitamelk Company, Chicago, Illinois.							
1939 D-V Base containing Minerals..	21.00	4.50	5.00	45.00	.....	.....	2449A
Analysis.....	27.51	4.29	5.36	47.55	8.60	6.69	137M
Analysis ^a	28.85	4.16	4.09	49.19	8.81	4.90	134T
1939 D-V Base.....	21.00	4.50	5.00	45.00	.....	.....	2449A
Analysis.....	26.25	5.00	4.30	48.24	9.25	6.96	367S
Analysis ^a	25.74	5.57	3.41	49.23	9.18	6.87	382W
Dawson County Cotton Oil Company, Lamesa, Texas.							
28% Protein Whole-Pressed Cottonseed Pellets.....	28.00	6.00	23.00	29.00	.....	.....	339A
Analysis.....	28.10	4.92	20.75	34.47	7.40	4.36	266K
28% Protein Whole-Pressed Cottonseed Flakes.....	28.00	6.00	23.00	29.00	.....	.....	339B
Analysis.....	29.63	5.39	23.17	32.60	4.73	4.48	361K
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	339C
Analysis.....	30.89	4.88	21.92	33.21	4.85	4.25	343K
Analysis.....	30.31	5.08	21.44	32.94	5.79	4.44	526K
Analysis.....	32.19	5.03	22.99	30.95	3.97	4.87	90S
DeLeon Leghorn Farm, DeLeon, Texas.							
DeLeon Leghorn Farm Egg Mash....	18.00	3.60	5.50	50.00	.....	.....	994A
Analysis.....	19.38	3.66	5.82	52.20	9.46	9.48	312T
DeLeon Leghorn Farm Chick Starter.	19.00	3.50	5.00	52.00	.....	.....	994B
Analysis.....	20.10	4.47	5.34	53.78	8.39	7.92	313T
DeLeon Leghorn Farm Growing Mash	19.00	3.50	5.00	52.00	.....	.....	994C
Analysis.....	18.81	3.58	6.05	55.22	9.09	7.25	314T
Analysis.....	17.29	4.04	5.31	56.91	9.15	7.30	475W
Denison Peanut Company, Inc., Denison, Texas.							
30% Protein Whole-Pressed Peanut Screenings.....	30.00	10.00	14.00	32.00	.....	.....	2387I
Analysis.....	22.56	11.05	17.64	39.68	4.65	4.42	185T
Analysis.....	25.65	9.69	13.23	40.41	6.27	4.75	361T
Analysis.....	27.11	10.34	11.65	41.23	5.25	4.42	410T
Denton Dairy Co-Operative Association, Denton, Texas.							
Egg Laying Mash.....	20.40	3.50	8.00	44.50	.....	.....	268E
Analysis ¹¹⁰	21.80	4.77	7.42	47.22	9.14	9.65	107T
Farmers Chick Starter with Charcoal.	17.00	3.50	6.00	51.00	.....	.....	268H
Analysis ¹¹¹	18.75	5.01	6.36	51.60	8.85	9.43	281T
Farmers Growing Mash.....	16.00	3.50	5.50	53.00	.....	.....	268I
Analysis.....	17.67	5.24	5.16	53.46	9.92	8.55	363T
Denton Mill & Elevator Company, Denton, Texas.							
Gold Top 5 Egg Mash.....	19.00	3.50	7.50	46.00	.....	.....	1047C
Analysis.....	19.70	4.43	8.05	48.84	10.26	8.72	277T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹¹⁰Deficient in salt.¹¹¹Excess of ground oyster shell and salt found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Denton Mill & Elevator Company, Denton, Texas—Continued.							
Gold Top 18% Protein Dairy Feed...	18.00	3.20	13.00	45.50	.....	.....	1047E
Analysis.....	19.93	3.14	12.06	45.71	9.13	10.03	360T
Analysis ^k	25.22	3.93	12.07	40.43	9.75	8.60	514W
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	1047P
Analysis.....	20.13	4.22	5.29	55.14	11.40	3.82	35T
Analysis.....	18.26	4.78	5.75	57.29	10.17	3.75	187T
Denver Alfalfa Milling & Products Company, The, Lamar, Colorado.							
Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	1824C
Analysis.....	19.50	1.64	14.10	33.46	5.20	26.10	12K
Alfalfa Stem Meal and Molasses.....	9.00	0.80	30.00	40.00	.....	.....	1824H
Analysis.....	10.49	.64	20.86	47.84	9.86	10.31	206K
Analysis.....	10.17	.41	21.42	43.76	14.35	9.89	384K
DeSoto Oil Company, Memphis, Tennessee.							
41.12% Protein Ground Cottonseed Feed.....							
Analysis ^{a, b, c, d, e, f, g, h, i, j, k}	40.55	6.27	10.73	28.82	7.07	6.56	330F
Dimmitt Coal & Grain Company, Dimmitt, Texas.							
Kafir Chop.....	10.00	2.50	3.00	70.00	.....	.....	2590C
Analysis ^j	11.39	2.53	1.98	72.20	9.74	2.16	537K
Dimmitt Wheat Growers, Inc., Dimmitt, Texas.							
Egg-Producer Brand Laying Mash with Charcoal.....	18.50	3.50	7.60	46.50	.....	.....	513A
Analysis ^e	21.87	4.13	6.88	47.89	8.81	10.42	185K
Dittlinger Roller Mills Company, H., New Braunfels, Texas.							
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	13D
Analysis.....	17.32	4.15	5.82	57.47	11.30	3.94	140H
Analysis ¹¹³	19.16	4.15	6.37	55.35	10.58	4.39	314H
Dittlinger's Best All-Mash Starter.....	18.00	3.80	6.00	48.00	.....	.....	13M
Analysis.....	21.07	4.76	4.56	52.36	9.96	7.29	315H
Analysis.....	20.65	4.40	4.25	53.74	9.95	7.01	428H
Analysis.....	21.00	4.97	4.70	50.00	11.00	8.33	326W
Dittlinger's Best 5 Laying Mash with Cod Liver Oil.....	20.50	3.50	7.40	44.60	.....	.....	13S
Analysis.....	21.44	5.38	5.53	46.17	10.35	11.13	229W
Dittlinger's Quality Brand Growing Mash.....	16.00	3.60	6.00	52.50	.....	.....	13T
Analysis.....	17.28	4.35	5.82	54.25	11.10	7.20	418H
Dittlinger's Best Laying Mash Concentrate.....	35.00	3.70	5.80	30.00	.....	.....	13U
Analysis ^j	36.41	5.72	5.96	26.61	7.67	17.63	64H
Quality Brand Egg Mash.....	18.30	3.70	7.60	47.00	.....	.....	13A1
Analysis.....	20.68	4.32	6.39	49.79	9.10	9.72	182H
Dittlinger's Best 24% Protein Dairy Feed.....	24.00	3.50	10.60	39.50	.....	.....	13A8
Analysis.....	23.15	3.07	8.92	46.09	11.13	7.64	192H
Red Star Cow Feed.....	10.00	1.80	24.00	44.00	.....	.....	13A9
Analysis.....	12.98	3.70	18.62	45.61	12.04	7.05	58H
Analysis.....	13.36	1.92	19.14	45.65	13.55	6.38	204H
Analysis.....	11.79	1.34	20.16	44.64	13.76	8.31	429H
Analysis.....	13.40	1.85	19.19	45.66	13.15	6.75	319M
Analysis.....	13.95	1.94	17.26	46.41	12.86	7.58	403W

^{a, b, c, d, e, f, g, h, i, j, k}—See legend at the beginning of this table.¹¹²Used as fertilizer, and feed for own stock.¹¹³Wheat brown shorts.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dittlinger Roller Mills Company, H., New Braunfels, Texas—Cont'd.							
Dittlinger's Quality Brand Dairy Feed	18.00	3.60	10.00	57.00	.....	.....	13C8
Analysis	18.74	3.15	7.57	50.77	13.14	6.63	191H
Dittlinger's Best 5 Laying Mash	20.50	3.50	7.40	44.60	.....	.....	13D2
Analysis	21.00	5.37	7.13	46.40	7.82	12.28	33H
Dittlinger's Best Turkey Starter	24.00	3.50	6.00	42.50	.....	.....	13D3
Analysis	25.30	4.90	4.48	45.05	10.37	9.90	366H
Dittlinger's Best 5 Laying Mash							
Pellets	20.50	3.50	7.40	44.60	.....	.....	13D9
Analysis	21.06	5.23	5.01	47.67	10.71	10.32	344M
Dittlinger's Quality Brand 35% Protein Laying Mash Concentrate	35.00	3.60	5.50	27.00	.....	.....	13E8
Analysis ^{a14}	36.46	4.98	6.61	30.74	5.99	15.22	3W
Dittlinger's Quality Brand 35% Protein Laying Mash Concentrate	35.00	3.60	5.80	30.00	.....	.....	13E8
Analysis	37.24	3.65	5.38	28.72	7.66	17.35	359W
Dittlinger's Best Turkey Laying Mash							
Pellets	21.00	3.90	6.50	45.00	.....	.....	13F1
Analysis	22.25	4.83	5.88	47.66	10.13	9.25	315W
Dittlinger's Quality Brand 24% Protein Cow Feed	24.00	4.50	10.00	41.00	.....	.....	13F5
Analysis ¹¹⁵	22.54	3.65	8.05	47.75	11.16	6.85	334W
Dittlinger's Eclipse Brand Laying Mash	20.00	3.60	6.50	46.50	.....	.....	13F6
Analysis	21.72	4.49	6.89	49.07	8.01	9.82	34H
Analysis	21.43	4.38	6.16	48.64	9.90	9.49	203H
Analysis	20.92	4.74	6.69	49.91	7.96	9.78	55W
Dittlinger's Eclipse Brand Laying Mash Pellets	20.00	3.60	6.50	46.50	.....	.....	13F7
Analysis	21.48	4.62	5.56	47.71	12.12	8.51	345M
Dittlinger's Best Cattle Pellets	16.00	3.00	10.00	51.50	.....	.....	13G1
Analysis ¹¹⁶	17.52	3.00	8.00	53.44	10.59	7.45	305H
Dittlinger's Quality Brand Cattle Pellets	12.00	2.20	19.00	49.00	.....	.....	13G2
Analysis	13.00	3.24	18.60	49.48	8.54	7.14	159W
Dittlinger's Best Broiler Mash	18.00	3.50	5.00	50.00	.....	.....	13G3
Analysis	20.04	4.24	4.75	55.20	9.35	6.42	325H
Dividend Feed Company, Lamesa, Texas.							
Dividend Brand Starting Mash with Cod Liver Oil	17.50	3.50	6.00	50.00	.....	.....	1472E
Analysis ⁷	20.35	5.04	3.98	54.23	8.70	7.70	426K
Dixie Poultry Farm & Hatchery, Brenham, Texas.							
Dixie Quality Breeder Egg Mash with Charcoal	19.00	4.00	6.50	49.00	.....	.....	962B
Analysis ⁸	21.52	4.25	5.17	51.90	10.55	6.61	254M
Dixon Cash Feed Store, Houston, Texas.							
Dixon's Economy Brand Egg Mash	19.50	3.80	6.00	47.00	.....	.....	405A
Analysis ¹¹⁷	20.36	6.35	5.85	47.80	10.21	9.43	357M
Dobry Flour Mills, Inc., Yukon, Oklahoma.							
Wheat Gray Shorts and Screenings	16.00	4.00	6.00	55.00	.....	.....	739G
Analysis	18.27	4.34	5.88	55.36	11.95	4.20	101F
Analysis	19.09	4.32	5.66	54.82	12.09	4.02	483F
Analysis	19.22	4.05	5.53	56.11	11.10	3.99	401K

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹¹⁴Linseed meal found, not claimed.¹¹⁵Deficient in ground limestone.¹¹⁶Not in pellet form. Deficient in pulverized limestone.¹¹⁷34% protein linseed meal claimed not found. Rice bran found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dobry Flour Mills, Inc., Yukon, Oklahoma—Continued.							
Wheat Gray Shorts and Screenings—Continued.							
Analysis.....	19.51	4.02	5.62	56.07	10.04	4.74	514K
Analysis.....	18.54	3.79	5.89	56.42	11.77	3.59	352W
Analysis ^a	17.30	4.03	3.98	58.92	11.68	4.09	410W
Doggett Grain Company, Dallas, Texas, and Branches.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2596D
Analysis.....	8.76	3.07	11.44	64.90	9.84	1.99	221T
Dooley's Feed Store, San Angelo, Texas.							
Dooley's Better-Brand Cow Feed....	19.00	3.20	16.50	41.00	.....	.....	705D
Analysis.....	20.93	3.98	15.61	43.91	6.88	8.69	55S
Dorsey Grain Company, Weatherford, Texas.							
Four-Square Starter with Buttermilk.	13.50	3.50	4.00	60.00	.....	.....	259S
Analysis ¹¹⁸	16.64	3.29	2.97	60.89	9.80	6.41	371T
Downman Grain & Hay Company, E. C., Houston, Texas.							
Big D 18% Protein Dairy Feed.....	18.00	4.00	14.00	42.00	.....	.....	276H
Analysis.....	18.70	6.16	11.53	43.55	10.88	9.18	407M
Downman's Best 20% Protein Dairy Feed.	20.00	4.00	14.00	40.00	.....	.....	276Q
Analysis.....	20.50	5.54	12.45	41.07	10.37	10.07	238M
"Hoss-Lah" Horse and Mule Feed....	10.30	3.30	10.00	58.00	.....	.....	276S
Analysis.....	9.35	4.14	9.89	59.91	11.40	5.31	239M
Big D 24% Protein Dairy Feed.....	24.00	4.50	15.00	33.00	.....	.....	276A5
Analysis.....	24.60	5.65	14.45	36.19	10.28	8.83	406M
Downman's Pay-Off Brand 18% Protein Dairy Feed.....	18.00	3.50	15.00	40.50	.....	.....	276A9
Analysis.....	20.35	4.40	17.00	38.07	10.74	9.44	360M
Big D Laying Mash.....	18.00	4.00	7.00	45.00	.....	.....	276D1
Analysis.....	20.96	5.97	6.14	45.87	10.62	10.44	237M
Rice Hulls, Molasses, Alfalfa Stem Meal, Corn Chop, Cottonseed Meal, Rice Bran, Limestone, and Salt....	5.90	1.20	22.00	41.00	.....	.....	276D2
Analysis.....	7.02	1.08	20.85	43.71	12.30	15.04	317M
Tiger Brand Mixed Feed.....	11.70	1.70	38.00	36.00	.....	.....	276D5
Analysis.....	10.90	1.70	29.63	43.37	8.90	5.50	388M
Dublin Mills, Inc., Dublin, Texas.							
Circle A Brand Egg Mash.....	20.00	3.60	8.00	47.00	.....	.....	678B
Analysis.....	20.50	4.29	6.50	50.79	9.51	8.41	390W
All-Gold Brand Poultry Flock Ration.	18.00	3.50	8.00	44.00	.....	.....	678E
Analysis.....	19.06	3.61	6.45	53.13	9.93	7.82	482W
All-Gold Brand Laying Mash.....	19.40	3.70	7.50	46.00	.....	.....	678R
Analysis.....	19.62	4.42	7.85	49.35	9.82	8.94	184W
Analysis.....	20.71	4.85	7.05	49.70	9.03	8.66	278W
Ward's 5 Brand Laying Mash.....	19.00	3.50	8.00	44.50	.....	.....	678A6
Analysis.....	19.90	4.78	8.75	50.69	8.94	6.94	82T
Sterling Brand Laying Mash.....	19.00	3.60	7.80	49.00	.....	.....	678D5
Analysis.....	19.52	4.33	7.97	50.85	10.33	7.00	176W
All-Gold Brand Sweet Feed.....	10.00	1.80	26.00	41.50	.....	.....	678E2
Analysis ^c	9.29	.89	23.68	45.11	12.60	8.43	386W
All-Gold Brand Sweet Feed.....	9.00	1.80	25.00	42.00	.....	.....	678E2
Analysis ¹¹⁹	12.25	1.26	22.00	44.87	11.10	8.52	435T

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.¹¹⁸Carbonate of lime found, not claimed.¹¹⁹Deficient in ground limestone.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dublin Mills, Inc., Dublin, Texas.—Continued.							
All-Gold Brand 32% Protein Concentrate with Charcoal.....	32.00	6.00	9.00	25.00	.....	.....	678E5
Analysis <i>e k</i>	33.12	6.68	10.81	24.14	7.70	17.55	296W
Durant Milling Company, Durant, Oklahoma.							
Red Warrior Laying Mash.....	20.00	4.50	7.00	45.00	.....	.....	2037C
Analysis.....	20.90	5.29	7.70	49.86	9.10	7.15	78F
Analysis.....	21.44	4.90	6.77	48.60	8.94	9.35	135F
Indian Maid Cow Feed with Molasses.	12.00	3.00	11.00	51.00	.....	.....	2037N
Analysis <i>e</i>	14.67	4.00	9.91	53.63	10.22	7.57	183T
Indian Maid Cow Feed with Molasses.	12.00	3.00	10.50	51.00	.....	.....	2037N
Analysis.....	14.46	4.74	10.26	52.39	11.45	6.70	416T
Indian Maid Sweet Feed.....	9.00	2.40	18.00	48.00	.....	.....	2037P
Analysis ¹²⁰	13.60	2.55	15.20	49.33	11.57	7.75	134F
Red Warrior Dairy Feed with Molasses.....	16.00	3.30	10.50	49.00	.....	.....	2037Q
Analysis ¹	16.94	4.24	10.88	48.84	9.37	9.73	136F
Analysis ¹	16.80	4.96	10.13	50.15	8.52	9.44	53K
Analysis <i>e</i>	16.00	4.17	11.29	49.04	9.75	9.75	34T
Red Warrior Dairy Feed with Molasses.....	16.00	3.30	11.00	47.00	.....	.....	2037Q
Analysis <i>e</i>	16.54	5.25	9.49	48.48	11.00	9.24	427F
Red Warrior 24% Protein Dairy Feed.	24.00	4.00	12.00	41.00	.....	.....	2037S
Analysis.....	22.90	5.15	12.23	43.19	7.27	9.26	36F
Analysis ¹²¹	24.42	4.67	9.70	44.44	9.87	6.90	240F
Tee-Pee Sweet Feed.....	9.00	2.50	14.50	49.50	.....	.....	2037Z
Analysis ¹²²	11.10	1.21	9.12	55.90	11.81	10.86	329T
Ground Peanut Hay.....	10.00	3.50	24.00	44.00	.....	.....	2037A1
Analysis <i>d a</i>	11.78	2.23	18.18	45.91	10.45	11.45	210T
Durham Pecan & Peanut Company, Comanche, Texas.							
Ground Peanut Screenings and Molasses.....	15.00	7.00	14.00	45.00	.....	.....	1596A
Analysis <i>b k</i>	14.75	7.62	15.73	44.67	10.36	6.87	290W
Peanut Hulls and Molasses.....	6.50	1.00	42.00	35.00	.....	.....	1596B
Analysis <i>k</i>	6.68	.62	41.70	32.63	12.70	5.67	75W
Analysis <i>b k</i>	7.30	1.07	41.87	33.74	10.47	5.55	291W
Eagle Milling Company, Edmond, Oklahoma.							
Wheat Brown Shorts and Screenings..	16.50	3.50	7.50	53.00	.....	.....	724E
Analysis.....	16.86	4.06	7.01	56.65	10.99	4.43	115M
First Prize Brand Egg Mash.....	18.00	3.50	8.00	48.00	.....	.....	724H
Analysis.....	19.14	4.05	6.44	50.21	10.15	10.01	460F
Analysis.....	18.28	4.05	7.97	51.35	10.10	8.25	222W
4-H Brand All-Mash Chick Starter and Grower with Minerals.....	17.00	3.00	6.00	54.00	.....	.....	724Q
Analysis <i>e</i>	19.65	4.72	5.97	53.29	10.32	6.05	273T
Early Grain & Seed Company, Waco, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	412F
Analysis.....	8.02	3.37	9.39	66.84	10.63	1.75	247W
Early Bird Brand 19% Protein Dairy Feed.....	19.00	3.50	13.00	48.00	.....	.....	412G
Analysis.....	20.31	3.90	9.26	50.83	9.20	6.50	335W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.¹²⁰Ground rice hulls claimed, not found.¹²¹Soybean oil meal and ground oyster shell found, not claimed.¹²²Excess of salt found and deficient in corn feed meal, 43% protein cottonseed meal, and ground limestone.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spec- tion No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Early Grain & Seed Company, Waco, Texas—Continued.							
Early Bird Brand 32% Protein Sup- plement for Hogs.....	32.00	4.00	8.50	31.00	.....	.....	412I
Analysis.....	32.88	5.63	6.33	34.63	8.39	12.14	437W
East Texas Cotton Oil Company, Kaufman, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	607E
Analysis.....	43.19	6.17	10.49	27.45	7.00	5.70	279F
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	607F
Analysis.....	42.97	6.57	9.56	26.57	8.34	5.99	193F
Analysis.....	43.85	6.24	10.65	26.46	7.20	5.60	280F
Analysis ^a	41.05	5.69	12.61	28.22	6.92	5.51	126S
Mixed Feed.....	11.50	1.70	37.00	36.00	.....	.....	607N
Analysis.....	11.03	2.51	35.22	40.84	4.99	5.41	10F
Analysis.....	10.70	1.76	36.19	38.77	7.37	5.21	194F
East Texas Cotton Oil Company, Palestine, Texas.							
43% Protein Nut-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	549A
Analysis.....	44.33	6.78	9.22	28.51	5.34	5.82	45F
Analysis.....	42.69	5.55	11.49	28.30	6.24	5.73	218F
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	549C
Analysis.....	42.61	6.86	10.25	28.20	6.41	5.67	18F
Analysis.....	43.45	6.90	9.63	27.80	6.36	5.86	20F
Analysis.....	43.39	7.11	10.11	27.24	6.22	5.93	66F
Analysis.....	43.40	6.15	10.18	27.67	6.92	5.68	227F
Analysis.....	42.80	5.72	10.58	28.39	6.76	5.75	196M
Analysis.....	43.54	7.26	9.40	27.71	6.24	5.85	62W
Analysis ^e	41.15	6.46	11.90	28.27	6.67	5.55	224W
Sweet Mixed Feed.....	12.50	2.00	28.60	38.20	.....	.....	549G
Analysis.....	14.56	2.85	24.93	40.52	11.40	5.74	336F
East Texas Cotton Oil Company, Terrell, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	63C
Analysis ^e	41.26	6.94	12.24	27.87	6.20	5.49	9F
Analysis.....	44.10	6.44	10.52	26.72	6.55	5.67	95F
Analysis.....	42.65	6.83	10.47	27.00	7.45	5.60	465F
Analysis ¹²³	43.01	8.12	10.35	26.52	6.32	5.68	197K
Analysis ^a	43.19	6.49	10.61	26.59	7.42	5.70	290K
Analysis ^a	43.59	6.20	10.63	26.98	7.10	5.50	293K
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	63D
Analysis.....	42.65	6.34	10.76	29.95	4.85	5.45	278F
Analysis.....	43.20	6.20	11.13	28.03	5.81	5.63	B
Etco Baby Chick Starter.....	15.00	3.70	5.60	55.00	.....	.....	63E
Analysis.....	17.42	4.75	4.95	56.00	9.65	7.23	343F
43% Protein Cottonseed Cubes.....	43.00	6.00	12.00	23.00	.....	.....	63I
Analysis.....	42.61	7.09	11.17	26.57	7.06	5.50	C
Etco Chick Growing Mash.....	15.00	3.50	5.50	54.00	.....	.....	63O
Analysis.....	17.33	4.25	4.59	56.15	10.00	7.68	344F
Etcolass.....	9.00	1.80	12.00	58.00	.....	.....	63S
Analysis.....	9.78	1.80	12.49	54.97	13.67	7.29	195F
Gilmer's Special Dairy Feed.....	20.00	3.20	14.00	42.00	.....	.....	63A1
Analysis.....	20.63	3.65	11.67	45.47	11.55	7.03	196F
Analysis ¹²⁴	20.68	4.10	11.34	45.47	10.65	7.76	346F
Analysis.....	22.22	3.91	10.96	44.18	11.01	7.72	467F
Etco Five Egg Mash.....	20.50	3.50	7.40	44.60	.....	.....	63B1
Analysis.....	21.04	5.04	7.13	45.16	10.37	11.26	197F
Analysis.....	21.10	5.07	6.69	46.43	9.36	11.35	345F
Analysis.....	21.97	4.98	6.35	45.37	9.88	11.45	466F
Analysis.....	22.09	5.69	6.40	45.77	9.24	10.81	457W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹²³Coarsely ground meal.

¹²⁴Carbonate of lime found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
East Texas Cotton Oil Company, Tyler, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	855A
Analysis ^e	40.95	6.59	12.32	28.84	5.75	5.55	2F
Analysis ^f ¹²⁵	40.48	6.58	13.17	28.51	5.61	5.65	37F
Analysis ^e	41.35	7.61	11.02	28.32	5.71	5.99	154F
Analysis.....	42.58	7.16	10.18	28.32	6.41	5.35	187F
Analysis.....	43.80	7.98	10.23	26.61	5.88	5.50	252F
Analysis.....	42.95	7.24	10.78	28.27	5.11	5.65	271F
Nutrio Mixed Feed.....	11.80	1.70	36.50	36.00	.....	.....	855B
Analysis.....	11.84	2.29	34.65	39.22	4.69	7.31	1F
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	855C
Analysis ^e	41.74	7.14	11.45	28.39	5.60	5.68	40F
East Texas Feed & Commission Company, Tyler, Texas.							
Money saver Brand Special All-Mash Laying Ration.....	15.00	3.50	7.00	51.00	.....	.....	996M
Analysis.....	15.60	3.97	6.79	56.99	9.96	6.69	157F
Money saver Brand Special 24% Protein Dairy Feed.....	24.00	4.50	12.00	41.00	.....	.....	996N
Analysis.....	23.42	5.64	11.43	42.37	8.93	8.21	156F
East Texas Milling Company, Marshall, Texas.							
Magic Brand 24% Protein Dairy Feed.....	24.00	3.80	13.50	39.30	.....	.....	961A
Analysis.....	25.72	4.21	10.07	43.14	9.35	7.51	70F
Analysis ¹²⁶	26.48	4.36	9.71	41.57	10.10	7.78	416F
Magic Brand Laying Mash.....	18.00	3.50	7.50	47.00	.....	.....	961E
Analysis.....	20.61	4.63	5.82	48.20	9.83	10.91	114F
Analysis.....	16.60	4.58	5.46	56.19	9.84	7.33	359F
Roe's Special Sweet Feed.....	9.80	2.00	18.50	50.00	.....	.....	961F
Analysis ¹²⁷	8.62	2.13	19.44	50.44	11.60	7.77	360F
Analysis.....	11.28	2.23	11.27	54.17	13.90	7.15	415F
Magic Brand 16% Protein Dairy Feed.....	16.00	3.00	15.00	43.00	.....	.....	961N
Analysis ¹²⁸	15.11	2.26	15.63	48.33	11.27	7.40	71F
Magic Brand All-Mash Chick Starter.....	17.00	3.50	7.00	48.00	.....	.....	961O
Analysis.....	19.02	4.62	3.79	55.90	9.88	6.79	414F
Special 16% Protein Cow Feed.....	16.00	2.40	27.00	37.00	.....	.....	961S
Analysis.....	16.50	2.90	20.94	40.31	12.10	7.25	307F
Economy Cash Feed Store, Wichita Falls, Texas.							
"Best" Brand Egg Mash.....	19.50	4.30	8.00	47.00	.....	.....	29B
Analysis.....	19.04	5.12	6.79	51.55	9.25	8.25	94T
"Best" Brand 24% Protein Cow Feed.....	24.00	4.50	10.00	43.00	.....	.....	29G
Analysis.....	23.63	4.86	8.49	47.95	9.25	5.82	258T
"Best" Brand All-Mash Chick Starter with Cod Liver Oil and Charcoal.....	16.00	3.50	6.40	51.00	.....	.....	29I
Analysis ^{e k}	17.78	4.65	6.13	54.67	9.20	7.57	168T
"Best" Brand Sweet Cow Feed.....	16.50	2.70	14.00	43.50	.....	.....	29O
Analysis ¹²⁹	17.65	3.03	12.37	49.39	7.28	10.28	10T
Analysis ¹²⁹	18.55	3.26	10.64	49.44	9.35	8.76	407T
"Best" Brand Growing Mash.....	16.00	3.50	7.50	48.00	.....	.....	29T
Analysis.....	18.59	5.16	7.07	51.66	9.75	7.77	259T

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹²⁵Replaced with 43% protein cottonseed meal. Excess hulls present.¹²⁶Excess of salt found.¹²⁷Ground rice hulls found, not claimed.¹²⁸Deficient in pulverized oyster shell.¹²⁹Deficient in ground oyster shell.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Economy Feed & Grain Company, Electra, Texas.							
Economy Brand Dairy Feed.....	16.50	3.00	15.00	46.00	.....	.....	2508C
Analysis ¹³⁰	20.72	4.56	13.87	45.32	9.55	5.98	95T
Economy Brand Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00	.....	.....	2508D
Analysis ^a	10.29	2.36	36.70	41.26	6.18	3.21	245K
Economy Mills, Lampasas, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	275B
Analysis.....	8.66	3.11	8.86	66.46	10.82	2.09	542W
Economy Mills, Lubbock, Texas.							
Lotta-Milk Brand Dairy Feed.....	16.00	3.00	16.00	45.00	.....	.....	1099F
Analysis.....	14.83	2.65	16.52	46.27	8.40	11.33	93K
Everlay D-D Brand Gro-Mash.....	18.00	3.50	7.50	50.00	.....	.....	1099K
Analysis.....	21.00	4.15	6.17	52.82	8.65	7.21	420K
Green Top Brand Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00	.....	.....	1099P
Analysis.....	11.52	1.02	33.36	36.70	9.37	8.03	247K
Economy Brand 40% Protein Concentrate for Pigs-N-Hogs.....	40.00	4.70	7.50	24.00	.....	.....	1099W
Analysis.....	41.74	6.55	7.04	24.82	6.26	13.59	70K
Everlay 5-V Brand Egg Mash.....	19.00	3.50	8.00	46.50	.....	.....	1099X
Analysis ^e	20.79	4.01	6.88	51.46	9.52	7.34	154K
Everlay D-D Brand Egg Mash.....	19.00	3.50	8.00	46.50	.....	.....	1099X
Analysis.....	21.75	3.48	6.36	51.33	10.18	6.90	332K
41% Protein Soybean Oil Meal.....	41.00	6.00	6.00	28.00	.....	.....	1099A3
Analysis ^a	44.35	5.91	5.68	30.58	7.88	5.60	151K
Master Mix 4-V Brand Egg Mash.....	18.00	3.50	8.00	46.50	.....	.....	1099C2
Analysis.....	21.56	3.65	6.42	51.38	9.13	7.86	87K
Big Seven 4-V Brand Egg Mash.....	19.00	3.50	8.00	46.00	.....	.....	1099C3
Analysis.....	20.17	3.66	6.70	51.60	9.74	8.13	169K
Everlay Brand Double-Duty Chick Starter.....	18.00	3.50	7.00	50.00	.....	.....	1099C4
Analysis.....	21.32	4.32	5.79	50.97	9.75	7.85	262K
Analysis.....	20.30	4.28	4.75	53.67	9.52	7.48	422K
Everlay Brand 35% Protein Egg Mash Concentrate.....	35.00	4.00	6.50	25.00	.....	.....	1099C8
Analysis.....	35.13	4.51	8.20	31.98	6.25	13.93	65K
Analysis ^a	36.10	4.94	7.86	27.18	7.27	16.65	86K
Sweet Milk Brand Mixed Feed No. 1.....	13.00	2.50	13.00	48.00	.....	.....	1099D5
Analysis.....	14.32	2.00	14.60	49.68	9.46	9.94	250K
Economy Brand 50% Protein Meat and Bone Meal Tankage.....	50.00	6.00	3.00	0.00	.....	.....	1099D6
Analysis ^{a131}	45.21	16.08	3.35	3.76	4.09	27.51	549K
Master-Mix Brand Chick and Broiler Mash.....	17.00	3.50	7.00	50.00	.....	.....	1099E3
Analysis.....	20.66	3.52	4.42	55.30	9.30	6.80	428K
Everlay D-D Brand Summer Egg Mash.....	19.00	3.60	7.00	46.50	.....	.....	1099F1
Analysis.....	21.52	4.25	6.59	50.93	9.63	7.08	507K
Green Top Brand Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	1099F2
Analysis ^a	19.22	2.65	17.91	40.49	7.44	12.29	436K
Green Top Brand Special Alfalfa Meal.....	17.00	1.50	23.00	40.00	.....	.....	1099F4
Analysis.....	17.86	2.15	18.18	42.03	9.75	10.03	355K
Analysis.....	18.94	2.72	19.93	37.82	9.24	11.35	497K
Edcouch Co-Operative Dehydrating Company, Edcouch, Texas.							
17% Protein Alfalfa Meal.....	17.00	1.50	27.00	30.00	.....	.....	1957C
Analysis.....	14.16	2.65	21.91	40.06	7.92	13.30	88H

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.¹³⁰Deficient in ground limestone and salt.¹³¹Portion of shipment removed from sale on account of protein deficiency and relabeled.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Eden Mill & Feed Company, Bryan, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2095A
Analysis.....	7.69	3.29	11.02	64.77	11.11	2.12	147M
Eden Wool & Mohair Company, Eden, Texas.							
Hall's Quality Brand Laying Mash....	20.00	3.60	7.00	46.00	.....	.....	2125F
Analysis.....	21.76	5.30	5.83	47.02	8.81	11.28	343S
Hall's Economy Brand Dairy Feed....	18.00	3.40	13.00	47.00	.....	.....	2125G
Analysis.....	20.04	4.33	9.60	51.23	7.50	7.30	278S
Edwards Milk Products Company, Chicago, Illinois.							
"Yankee" Brand Dried Buttermilk....	32.00	5.00	1.00	35.00	.....	.....	272A
Analysis ^a	29.92	5.95	.25	50.85	4.71	8.32	240M
Egg-A-Day Hatchery, Rotan, Texas.							
J. O.'s Egg Mash.....	19.00	3.60	6.00	48.00	.....	.....	2456A
Analysis.....	22.10	5.51	4.62	47.65	10.23	9.89	234S
Egg-A-Day Chick Starter.....	18.00	3.50	5.00	51.00	.....	.....	2456C
Analysis.....	19.45	4.50	3.68	52.48	8.90	10.99	379S
Elam Grain Company, Saint Louis, Missouri.							
Brewers' Dried Grains.....	24.00	5.00	17.00	40.00	.....	.....	1222A
Analysis ^a	25.40	6.03	17.82	38.88	7.92	3.95	311F
Analysis.....	31.48	6.49	15.16	37.35	6.55	2.97	18M
Analysis.....	33.00	6.08	14.82	36.51	6.39	3.20	99W
El Campo Rice Milling Company, El Campo, Texas.							
Elco Fulvalu Brand Dairy Feed.....	18.00	4.50	12.00	44.50	.....	.....	451E
Analysis.....	17.77	5.18	9.89	46.63	12.52	8.01	204M
Analysis.....	18.58	5.25	10.83	46.23	11.02	8.09	472M
Thrifty-Five Brand Egg Mash with Cod Liver Oil.....	19.00	5.00	7.50	46.00	.....	.....	451G
Analysis ¹³²	19.00	7.51	5.52	49.54	8.97	9.46	339H
Analysis.....	18.40	7.45	7.05	47.97	9.32	9.81	107M
Analysis.....	18.69	7.15	5.25	49.68	9.71	9.52	343M
Elco Creep Feed.....	14.00	4.00	10.00	54.00	.....	.....	451H
Analysis.....	13.60	5.02	8.22	53.45	11.15	8.56	103M
Elco Hog Fattener.....	12.50	8.00	7.00	54.00	.....	.....	451I
Analysis.....	13.60	11.34	5.34	48.73	11.46	9.53	205M
Analysis.....	13.25	9.44	6.64	50.57	11.11	8.99	474M
Ear Corn Chop with Husk, Molasses, and Salt.....	7.50	2.60	9.00	64.00	.....	.....	451L
Analysis ^k	7.90	2.88	7.86	66.41	12.23	2.72	202M
Analysis ^k	7.70	2.80	8.74	66.22	11.26	3.28	320M
Elco Supervalu Brand Dairy Feed....	24.00	4.00	10.00	42.50	.....	.....	451N
Analysis.....	24.18	3.52	9.34	43.81	11.47	7.68	414M
Analysis.....	25.08	3.96	9.45	43.76	10.62	7.13	473M
Elco Steer Fattener Cubes.....	12.80	5.00	10.00	51.00	.....	.....	451Q
Analysis.....	15.20	7.46	8.64	50.58	9.54	8.58	102M
Elco Broiler Mash.....	17.00	4.00	7.00	50.00	.....	.....	451U
Analysis.....	18.21	5.33	5.51	52.78	9.15	9.02	326M
Elco Supervalu Brand Growing Mash.	17.50	4.00	5.50	52.00	.....	.....	451X
Analysis.....	20.00	5.17	4.37	52.67	10.05	7.74	208M
Elco Poultry Fattener.....	13.00	4.00	5.00	61.00	.....	.....	451Z
Analysis.....	14.10	4.89	3.21	63.15	11.01	3.64	327M
Elco Supreme Brand Pig Feed.....	15.50	5.50	7.00	50.00	.....	.....	451A5
Analysis.....	16.50	6.67	5.52	49.73	12.12	9.46	104M
Elco Shortola.....	12.00	10.00	4.20	50.00	.....	.....	451A8
Analysis ^j	14.31	16.25	3.33	49.71	8.29	8.11	31M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹³²Excess of ground limestone found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
El Campo Rice Milling Company, El Campo, Texas—Continued.							
Pro-Vi-Min 31% Protein Supplement with Charcoal for Hogs.....	<i>31.00</i>	<i>5.00</i>	<i>7.00</i>	<i>31.00</i>	.....	.....	451C2
Analysis ^{c133}	31.34	7.64	6.05	32.38	8.30	14.29	325M
Elco Chicken Dinner Mash with Cod Liver Oil.....	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>54.00</i>	.....	.....	451C3
Analysis.....	15.78	5.25	4.86	54.99	11.35	7.77	207M
Thrifty-Five Brand Egg Mash Pellets with Cod Liver Oil.....	<i>19.00</i>	<i>5.00</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	451C9
Analysis.....	17.37	7.25	5.47	50.35	11.17	8.39	206M
Elgin Cotton Oil Company, Elgin, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1429B
Analysis ^{c h134}	39.70	6.28	13.64	28.75	6.50	5.13	54H
Analysis.....	43.99	6.48	10.46	27.56	6.02	5.49	381H
Analysis.....	41.54	6.43	12.76	27.45	6.63	5.19	471H
Analysis.....	40.11	6.50	12.36	27.95	7.63	5.45	314W
Analysis.....	41.65	6.38	12.24	26.67	7.75	5.31	497W
41.12% Protein Ground Cottonseed Feed.....	<i>41.12</i>	<i>5.00</i>	<i>14.00</i>	<i>26.00</i>	.....	.....	1429D
Analysis.....	39.75	6.11	13.79	27.57	7.39	5.39	131H
Analysis.....	42.53	6.43	11.40	26.60	7.26	5.78	224H
Elk Cottonoil Co., Elk City, Oklahoma.							
Elk Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	472C
Analysis.....	42.19	6.51	12.11	26.86	7.11	5.22	219K
Analysis.....	42.67	5.83	10.30	28.51	6.44	6.25	444K
Elk Brand 43% Protein Cracked Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	472D
Analysis.....	42.70	5.84	11.42	27.78	7.27	4.99	300K
Elk Brand 43% Protein Cottonseed Pellets.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	472E
Analysis.....	43.79	6.29	10.79	25.99	7.70	5.44	213K
Elk Brand 43% Protein Coarse Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	472F
Analysis.....	41.40	5.83	12.63	28.65	6.31	5.18	17K
Elk Brand 43% Protein Coarse Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	472F
Analysis.....	42.88	7.07	10.73	26.32	7.03	5.97	389K
El Paso Cotton Industries, Inc., El Paso, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	1116A
Analysis.....	41.51	8.14	9.75	28.64	5.75	6.21	99S
Analysis.....	41.02	6.32	10.45	30.08	6.15	5.98	176S
Analysis.....	45.78	7.88	7.21	27.02	5.50	6.61	252S
Analysis.....	43.55	7.57	9.18	28.21	5.05	6.44	444S
Paymaster Brand 43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	1116B
Analysis.....	42.27	7.01	10.19	28.13	5.99	6.41	111S
Engelman Gardens Association, Edinburg, Texas.							
Dried Citrus Peel and Pulp.....	<i>6.00</i>	<i>0.70</i>	<i>12.50</i>	<i>66.00</i>	.....	.....	383A
Analysis.....	6.28	1.29	11.95	66.37	10.00	4.11	165H
Dried Citrus Pulp.....	<i>6.00</i>	<i>0.70</i>	<i>12.50</i>	<i>66.00</i>	.....	.....	383A
Analysis.....	6.90	2.19	12.49	64.57	9.29	4.56	388H
Analysis.....	6.30	1.55	11.65	64.97	11.00	4.53	410M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹³³Excess of ground limestone found and deficient in salt.¹³⁴Blended with high-protein meal and sale resumed. Excess of cottonseed hulls present.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Erick Mill & Elevator Company, Erick, Oklahoma.							
More-Profit Brand Chick Starter.....	17.00	3.50	6.50	51.00	.....	.....	674H
Analysis ¹³⁵	18.62	3.92	6.76	55.52	7.86	7.32	674H
More-Profit Brand Egg Mash.....	18.00	3.60	7.00	49.00	.....	.....	674I
Analysis ¹³⁶	20.14	3.33	6.80	53.77	7.82	8.14	674I
Ervine & Bishop, Houston, Texas.							
Corn Chop.....	9.00	3.50	3.00	70.00	.....	.....	76A
Analysis.....	8.75	3.75	1.79	72.44	12.17	1.10	211M
Dixie Brand Rice Hulls, Molasses, Peanut Hulls, Screenings, Corn Chop, Alfalfa Stem Meal, Rice Bran, and Salt.....	6.00	1.50	18.00	46.00	.....	.....	76D
Analysis.....	7.79	1.59	19.53	42.81	15.32	12.96	368M
Rolled Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	76E
Analysis.....	11.75	5.95	11.57	57.96	9.26	3.51	4M
Justrite Brand Dairy Ration.....	18.00	3.50	18.00	35.50	.....	.....	76Q
Analysis.....	18.96	3.55	19.81	39.11	11.65	6.92	186M
Full-O-Milk Brand Dairy Feed.....	25.00	3.80	12.00	40.00	.....	.....	76A1
Analysis ¹³⁷	28.03	4.30	9.50	39.59	12.02	6.56	187M
E & B Chick Growing Mash.....	17.50	3.60	6.00	50.00	.....	.....	76A5
Analysis.....	17.54	5.33	4.54	54.62	8.51	9.46	3M
Hominy Feed and Corn Meal.....	9.50	4.50	5.00	64.00	.....	.....	76B7
Analysis.....	10.40	5.55	5.25	65.81	10.61	2.38	122M
Shur-Eggs Brand Laying Mash with Buttermilk and Cod Liver Oil.....	19.50	3.50	7.50	46.00	.....	.....	76B9
Analysis.....	21.57	4.80	6.79	48.56	9.48	8.80	121M
Shur-Eggs Brand Laying Mash.....	20.00	3.70	6.00	48.00	.....	.....	76B9
Analysis.....	22.67	5.28	4.86	48.86	9.76	8.57	366M
Milko Brand Dairy Ration.....	24.00	3.70	22.00	33.00	.....	.....	76E7
Analysis ¹³⁸	18.79	2.32	16.88	42.88	12.10	7.03	166F
Analysis.....	20.43	2.93	20.99	36.51	12.74	6.40	438F
Thrif-T-Mix Brand Egg Mash.....	18.50	4.50	8.00	44.00	.....	.....	76F5
Analysis.....	20.60	5.17	6.27	46.54	10.09	11.33	365M
Fairmont Creamery Company, The, Omaha, Nebraska, and Branches.							
Fairmont's Dried Buttermilk Flakes.....	32.00	6.00	1.00	35.00	.....	.....	1723A
Analysis.....	34.17	6.10	.15	39.43	8.33	11.82	232K
Analysis.....	32.42	4.87	.18	30.46	11.78	20.29	153W
Fairmont's Gold Nugget Brand Turkey All-Mash.....	20.00	5.00	7.50	46.00	.....	.....	1723B
Analysis.....	20.42	4.60	7.36	49.63	8.20	9.79	44M
Fairmont's Gold Nugget Brand Laying Mash.....	18.00	4.50	7.50	48.50	.....	.....	1723D
Analysis.....	18.40	4.42	7.00	50.95	9.83	9.40	154M
Analysis.....	19.00	4.19	7.29	51.64	8.60	9.28	112W
Fairmont's Far-Mor Brand Laying Mash.....	18.00	4.00	8.00	48.50	.....	.....	1723D
Analysis.....	18.02	4.30	7.13	52.14	9.70	8.71	421M
Fairmont's Gold Nugget Brand Growing Mash.....	16.50	4.00	8.00	51.00	.....	.....	1723E
Analysis.....	17.60	4.13	7.53	53.95	8.58	8.21	42M
Analysis.....	17.52	4.25	7.38	52.30	10.50	8.05	422M
Analysis.....	17.58	4.93	7.21	52.01	10.23	8.04	478M
Fairmont's Gold Nugget Brand Chick Starter Mash.....	19.00	4.00	8.00	48.00	.....	.....	1723F
Analysis.....	19.70	4.40	7.50	49.81	10.00	8.59	420M
Analysis.....	19.80	4.33	6.53	51.02	9.69	8.63	413W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹³⁵43% protein cottonseed meal claimed, not found.¹³⁶Excess of ground oyster shell found.¹³⁷Steamed bone meal claimed, not found.¹³⁸Replaced with other feed. Amount returned used by manufacturer in feeding own stock. Deficient in ground oyster shell and salt.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Fairmont Creamery Company, The, Omaha, Nebraska, and Branches —Continued.							
Fairmont's Gold Nugget Brand Concentrate.....	29.00	4.00	9.00	31.00	.....	.....	1723M
Analysis.....	29.30	4.30	8.20	34.67	7.76	15.77	43M
Falkenbury Bros. Milling Company, Cleburne, Texas.							
Laying Mash with Cod Liver Oil.....	20.50	3.50	7.40	44.60	.....	.....	44H
Analysis.....	21.50	5.32	5.68	47.25	9.79	10.46	260W
Growing Mash.....	17.80	3.50	8.30	48.50	.....	.....	44I
Analysis.....	18.74	4.66	5.59	54.69	9.13	7.19	450W
All-Mash Chick Starter.....	16.00	3.60	6.00	54.00	.....	.....	44K
Analysis.....	17.73	4.70	3.86	57.36	8.80	7.55	376W
24% Protein Dairy Feed.....	24.00	3.50	11.00	42.00	.....	.....	44M
Analysis.....	28.39	4.46	6.94	44.66	10.15	5.40	525W
Fallis & Company, Iredell, Texas.							
Growing Mash.....	16.00	3.50	6.00	54.00	.....	.....	460A
Analysis.....	18.23	4.05	6.18	53.91	9.59	8.04	538W
Laying Mash.....	18.00	3.50	6.00	51.00	.....	.....	460B
Analysis.....	19.62	3.69	4.98	54.58	8.90	8.23	285W
All-Mash Starting Ration.....	15.50	3.50	6.50	53.00	.....	.....	460C
Analysis.....	18.03	4.36	5.19	55.71	8.87	7.84	387W
Fant Milling Company, Sherman, Texas.							
Gladiola Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....	1710A7
Analysis.....	18.47	3.94	5.57	57.03	11.02	3.97	30F
Analysis ^{c139}	18.27	3.84	6.32	56.97	10.40	4.20	39F
Analysis.....	18.95	4.12	5.39	56.03	11.01	4.50	62F
Analysis.....	18.20	3.75	5.31	57.88	11.31	3.55	109F
Analysis ^{c139}	18.68	4.20	6.74	54.41	11.66	4.31	260F
Analysis ^{b c139}	18.14	4.08	6.60	53.72	12.98	4.48	263F
Analysis.....	19.15	4.66	6.08	53.99	11.94	4.18	326F
Analysis ^{c139}	17.96	4.18	7.31	54.85	11.08	4.62	248K
Analysis.....	18.17	4.02	5.40	56.63	11.76	4.02	13M
Analysis ^{c139}	17.20	3.90	6.65	56.26	11.74	4.25	114T
Analysis.....	18.57	3.76	4.53	57.37	11.98	3.79	414T
Analysis.....	18.33	4.15	5.18	56.46	12.05	3.83	495W
Farley, Pascal, Whitewright, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	896C
Analysis ^a	8.35	3.05	10.58	65.38	10.57	2.07	406F
Analysis.....	8.50	3.25	10.22	65.91	10.50	1.62	182T
Farmers Alfalfa Milling Company, Fort Smith, Arkansas.							
Tendergreen Brand Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	741A
Analysis.....	20.40	4.33	18.44	39.27	8.50	9.06	741A
Farmer's Cooperative, Inc., Victoria, Texas.							
Our-Own Brand Laying Mash, Formula No. 4.....	20.50	3.50	7.40	44.60	.....	.....	918B
Analysis.....	21.32	5.30	6.40	46.37	9.33	11.28	141H
Analysis ¹⁴⁰	22.89	4.86	5.60	45.83	9.33	11.49	316H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.¹³⁹Wheat brown shorts and screenings.¹⁴⁰Excess of ground oyster shell and salt found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939,
to August 31, 1940—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Farmers' Cooperative Mills, Inc., Arlington, Texas.							
Producer Brand Egg Mash with Char- coal.....	20.00	3.70	8.00	43.50	.....	.....	1553P
Analysis ^e	22.15	4.59	8.41	47.35	7.28	10.22	43T
Producer Brand 18% Protein Dairy Feed.....	18.00	3.30	12.50	43.00	.....	.....	1553U
Analysis.....	19.34	3.59	12.38	48.66	9.38	6.65	44T
Producer Brand Chick Starter.....	17.50	4.00	5.00	52.50	.....	.....	1553W
Analysis.....	19.64	4.20	5.39	54.25	8.92	7.60	381T
Farmers Cooperative Oil Mill, El Paso, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	570A
Analysis.....	44.21	8.27	8.18	26.77	6.29	6.28	101S
Analysis.....	42.61	6.89	8.93	28.61	6.61	6.35	390S
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	570I
Analysis ^e	41.95	6.36	8.40	26.78	10.46	6.05	256S
Farmers Cooperative Store, Lipan, Texas.							
Farmer's Egg Mash with Charcoal...	19.00	3.50	8.00	46.00	.....	.....	1654A
Analysis ^e	20.33	4.59	7.20	50.10	9.62	8.16	302T
Farmers Co-Op. Supply Company, Belton, Texas.							
Farmers Co-Op. Sweet Feed.....	18.00	3.00	13.00	45.00	.....	.....	2428B
Analysis ¹⁴¹	19.06	3.25	19.01	42.49	11.55	4.64	325W
Farmers Cotton Oil Company, Texarkana, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1144B
Analysis.....	43.21	7.07	10.21	26.79	6.44	6.28	73F
Analysis ^e	42.12	6.67	10.69	27.55	7.11	5.86	143F
Analysis.....	43.11	7.06	10.31	26.72	6.61	6.19	146F
Analysis.....	42.93	6.72	10.15	27.29	7.00	5.91	504K
Farmers Cotton Oil Company, Winnsboro, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1795B
Analysis.....	43.22	6.74	9.86	27.06	7.56	5.56	92F
Analysis.....	42.52	7.34	9.39	27.62	7.08	6.05	152F
Analysis.....	43.50	6.99	9.87	25.96	8.23	5.45	217F
Farmers Cottonseed Oil Mills, Inc., Granger, Texas.							
28% Protein Whole-Pressed Cotton- seed.....	28.00	4.50	23.00	29.00	.....	.....	33A
Analysis ^{b142}	31.69	5.93	22.55	29.95	4.98	4.90	208K
Analysis ^a	28.54	5.66	23.64	30.82	6.45	4.89	117W
Analysis ^a	29.76	5.69	24.09	31.07	4.50	4.89	118W
Analysis ^a	29.83	5.82	23.38	31.65	4.37	4.95	119W
Analysis.....	28.70	5.03	21.44	34.41	5.70	4.72	322W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	33B
Analysis.....	42.52	6.55	11.01	27.01	6.95	5.96	261K
Analysis.....	43.46	6.61	11.25	26.91	6.30	5.47	31W
Analysis ^e	42.35	6.29	11.29	28.30	6.50	5.27	89W
Analysis.....	40.98	6.64	11.13	29.28	6.62	5.35	116W
Analysis.....	43.73	7.57	9.99	26.96	6.30	5.45	212W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	33C
Analysis.....	44.12	6.57	10.79	26.78	6.46	5.28	199W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹⁴¹Ground peanut hulls found, not claimed.

¹⁴²Ground whole-pressed cottonseed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Farmer's Elevator Company, Canyon, Texas.							
Money-Maker Brand Laying Mash.....	18.00	3.50	7.00	47.00	.....	.....	345H
Analysis.....	20.35	4.76	4.66	55.57	8.56	6.10	441K
Farmers Elevator & Storage Company, Hamilton, Texas.							
Nu-Way Chick Starter.....	16.00	4.50	5.00	52.00	.....	.....	293E
Analysis.....	18.17	4.57	4.15	54.85	9.47	8.79	300W
Nu-Way Growing Mash.....	17.00	3.60	6.50	50.00	.....	.....	293G
Analysis.....	18.57	5.00	5.01	52.95	9.81	8.66	395W
Nu-Way Standard Brand Laying Mash.....	18.00	3.60	7.30	47.00	.....	.....	293J
Analysis.....	19.86	4.46	6.26	51.35	9.62	8.45	295W
Nu-Way Brand 32% Protein Concentrate for Poultry.....	32.00	4.00	5.30	31.00	.....	.....	293M
Analysis.....	33.81	5.33	6.43	32.70	8.91	12.82	181W
Farmers Feed Store, Electra, Texas.							
Alfalfa and Molasses.....	.....	.....	.....	.....	.....	.....	.....
Analysis ^{a 1/143}	13.85	.91	22.11	43.21	9.89	10.03	471T
Farmers Feed Store, Texline, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	525B
Analysis.....	8.80	2.25	12.23	62.09	9.07	5.56	449K
Farmers Gin Company, Abbott, Texas.							
A. B. Growing Mash.....	17.00	3.50	7.00	50.00	.....	.....	1939C
Analysis.....	17.45	4.50	5.45	56.38	9.73	6.49	467W
Farmers Gin & Oil Mill, Laredo, Texas.							
25% Protein Whole-Pressed Cottonseed.....	25.00	6.00	25.00	29.00	.....	.....	783A
Analysis.....	27.68	7.55	23.60	29.79	7.41	3.97	186H
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	783B
Analysis.....	27.46	8.26	21.58	31.86	6.49	4.35	21H
Farmers Milling Company, Graham, Texas.							
F. M. C. Mix Cow Feed.....	19.50	3.50	10.00	48.50	.....	.....	2644F
Analysis.....	20.15	4.59	8.05	52.40	9.55	5.26	160T
F. M. C. Egg Mash.....	18.00	3.60	6.50	51.00	.....	.....	2644G
Analysis.....	19.33	4.64	5.51	52.71	10.46	7.35	344T
Farmers Produce and Feed Store, Canyon, Texas.							
Kafir Head Chop.....	8.50	2.50	8.00	65.00	.....	.....	1439H
Analysis ^a	11.87	2.19	6.81	67.08	8.56	3.49	99K
Farrell and Company, James, Seattle, Washington.							
Circle F 70% Protein Herring Meal..	70.00	4.00	1.00	1.00	.....	.....	630A
Analysis.....	73.61	8.89	.19	.25	6.05	11.01	630A
Farrell & Company of California, James, San Francisco, California.							
65% Protein Sardine Meal.....	65.00	5.00	1.00	0.00	.....	.....	885A
Analysis.....	70.46	3.81	.25	6.25	5.67	13.56	139H
Analysis.....	66.68	5.85	1.00	2.23	8.80	15.44	178M
Analysis.....	64.28	5.35	1.27	2.72	8.05	18.33	150W

a, b, c, d, e, f, a, h, i, j, k.—See legend at the beginning of this table.

¹⁴³Used in the manufacture of mixed feed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Farris Feed Company, Buck, Dallas, Texas.							
Our-Own Brand 18% Protein Dairy Ration.....	18.00	3.50	20.00	43.00	.....	.....	853B
Analysis.....	18.80	4.40	14.58	45.70	9.85	6.67	339T
Feed Depot, The, El Paso, Texas.							
Economy Brand Laying Mash.....	19.50	3.50	7.50	47.00	.....	.....	1161A
Analysis.....	19.05	5.45	6.95	51.78	7.35	9.42	445S
C B Brand Laying Mash with Charcoal.....	19.00	3.60	6.00	50.00	.....	.....	1161F
Analysis.....	20.12	6.04	5.79	50.55	8.81	8.69	178S
C B Brand Dairy Feed with Charcoal.....	15.00	3.00	8.50	56.00	.....	.....	1161H
Analysis ^{k b e}	16.58	4.31	8.15	57.05	8.29	5.62	28S
Feeders Supply Company, Waco, Texas.							
Big Ten Dairy Ration.....	21.00	4.00	17.00	40.00	.....	.....	52B
Analysis.....	19.52	3.67	12.62	45.95	9.89	8.35	244W
Chowmix All-Mash Laying Ration C.....	15.00	3.50	8.00	50.00	.....	.....	52P
Analysis.....	16.23	4.83	6.41	57.89	9.31	5.33	103W
Fernando Valley Milling & Supply Company, Los Angeles, California.							
Fernando Alfalfa Stem Meal.....	10.00	1.50	39.00	33.00	.....	.....	237C
Analysis.....	11.71	.93	37.93	32.80	8.92	7.71	380M
Fidelity Products Company, Houston, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	675L
Analysis.....	41.48	6.26	11.14	29.60	6.01	5.51	55F
Analysis.....	43.05	6.62	10.51	27.15	6.98	5.69	87M
Analysis.....	42.31	6.60	10.05	27.27	7.84	5.93	138M
Analysis.....	43.33	6.91	9.79	26.02	8.10	5.85	230M
Analysis.....	42.54	6.26	11.57	27.11	6.92	5.60	23W
Analysis.....	43.49	6.63	9.95	27.03	6.91	5.99	110W
Analysis.....	42.68	6.58	10.19	26.80	7.97	5.78	205W
Fields Feed, Seed & Grain, J. Paul, Big Spring, Texas.							
Hog Feed.....	14.00	3.00	4.50	63.00	.....	.....	693C
Analysis ¹⁴⁴	15.47	3.42	3.49	64.38	9.72	3.52	84S
Flatonia Oil Mill Company, Flatonia, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	117F
Analysis.....	43.64	6.02	11.64	25.66	7.44	5.60	66H
Analysis.....	42.71	5.63	11.61	26.90	7.58	5.57	207H
Analysis.....	43.19	5.60	11.37	27.22	7.20	5.42	159K
Flieller, E. A., Floresville, Texas.							
Pennant Brand Laying Mash.....	20.00	3.60	6.00	47.00	.....	.....	1296E
Analysis.....	23.68	5.54	6.91	44.80	8.57	10.50	2H
Analysis ¹⁴⁵	22.69	5.25	6.02	46.44	10.54	9.06	449H
Pennant Brand Growing Mash with Buttermilk and Cod Liver Oil.....	16.50	3.60	7.50	50.00	.....	.....	1296I
Analysis.....	19.39	5.11	7.32	49.10	10.07	9.01	448H

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹⁴⁴41% protein soybean oil meal claimed, not found.¹⁴⁵34% protein linseed meal claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ford, C. A., San Angelo, Texas.							
C. A. Ford Mixed Feed.....	18.50	3.70	16.00	44.00	.....	.....	246C
Analysis.....	19.26	4.68	13.10	47.93	8.17	6.86	403S
F. D. Mixed Feed.....	13.00	2.40	20.00	46.00	.....	.....	246D
Analysis ¹⁴⁶	13.46	2.56	16.29	48.61	9.56	9.52	347S
Fowler Commission Company, Inc., Shreveport, Louisiana.							
Sensation Brand Sweet Feed.....	9.00	2.00	12.00	60.00	.....	.....	663E
Analysis ^a ¹⁴⁷	11.02	.79	20.47	42.80	10.97	13.95	147F
Sensation Brand Sweet Feed.....	9.00	1.60	16.50	46.00	.....	.....	663E
Analysis.....	10.93	.75	16.15	43.49	14.04	14.64	417F
Just-Rite Brand Dairy Feed.....	21.50	3.50	15.00	42.00	.....	.....	663F
Analysis ^k ¹⁴⁸	25.29	2.83	14.66	34.38	11.09	11.75	418F
Indian Head Laying Mash.....	19.00	4.00	8.00	44.00	.....	.....	663M
Analysis ^k ^b	18.05	6.17	7.13	46.89	11.98	9.78	419F
Fraser Milling Company, Hereford, Texas.							
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	224A
Analysis.....	19.81	3.90	5.55	57.49	9.61	3.64	538K
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	224B
Analysis.....	19.84	4.51	10.23	52.23	7.17	6.02	100K
Wheat Mixed Feed and Screenings...	16.00	3.50	8.50	52.00	.....	.....	224C
Analysis.....	18.25	4.31	7.69	56.94	7.77	5.04	4K
Frist, Frank P., El Paso, Texas.							
Fruit-of-the-Harvest Dairy Feed.....	17.00	4.00	13.00	48.00	.....	.....	432C
Analysis.....	17.92	4.82	11.87	53.05	7.69	4.65	185S
Ascarate Laying Mash with Charcoal.	19.00	3.60	7.00	46.00	.....	.....	432F
Analysis ^e	21.39	5.34	6.09	49.28	8.48	9.42	253S
Fuchs Poultry Farm, Houston, Texas.							
Fuchs Special Starter Mash.....	16.00	3.50	6.00	53.50	.....	.....	1651A
Analysis.....	17.72	5.06	3.65	57.77	8.59	7.21	461M
Fuchs Special Laying Mash.....	18.00	4.50	6.00	50.00	.....	.....	1651B
Analysis ¹⁴⁹	17.63	6.00	5.64	52.97	9.27	8.49	1M
Gaines Feed Store, Dallas, Texas.							
Bill's Best Brand 21% Protein Dairy Feed.....	21.00	4.00	13.00	45.00	.....	.....	24B
Analysis.....	19.58	4.50	10.08	49.10	9.70	7.04	234T
Double-Duty Brand Laying Mash.....	18.00	3.50	6.00	49.00	.....	.....	24C
Analysis.....	19.12	4.83	6.14	51.84	7.77	10.30	3T
Gainesville Oil Mill, Gainesville, Texas.							
Golden Rod Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1425H
Analysis ^e	42.20	6.14	11.64	26.51	7.99	5.52	325T
Galesburg Soy Products Company, Galesburg, Illinois.							
Triple Value Brand 41% Protein Soybean Oil Meal.....	41.00	5.00	7.00	28.00	.....	.....	2318A
Analysis.....	43.21	5.31	5.38	30.32	10.11	5.67	474F
Analysis.....	44.50	5.61	4.94	29.50	9.81	5.64	107S

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.¹⁴⁶Peanut hay claimed, not found.¹⁴⁷Alfalfa stem meal claimed, not found. Cottonseed meal, ground rice hulls, and ground oyster shell found, not claimed.¹⁴⁸Excess of ground oyster shell and salt found.¹⁴⁹Rice hulls found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Gary, H. D., Cross Plains, Texas.							
Mixed Cow Feed.....	16.00	3.70	15.00	48.00	.....	.....	2014B
Analysis.....	14.70	3.30	12.13	53.79	9.27	6.81	61S
Geary Milling & Elevator Company, The, Geary, Oklahoma.							
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	1166D
Analysis.....	17.90	4.45	5.77	54.53	12.19	5.16	238F
Analysis.....	18.57	4.29	5.79	55.44	10.88	5.03	447F
General Feed Store, Wichita Falls, Texas.							
Evergreen Dairy Feed.....	18.00	3.00	15.00	45.00	.....	.....	2150B
Analysis.....	19.15	3.67	12.84	47.91	10.48	5.95	263T
General Mills, Inc., Minneapolis, Minnesota, and Divisions.							
Washburn's Gold Medal Brand Wheat							
Gray Shorts, Wheat Red Dog Flour,							
and Screenings.....	16.00	4.00	6.00	55.00	.....	.....	1747E
Analysis ^a	17.90	4.64	5.14	57.06	10.35	4.91	77F
Wheat Gray Shorts and Screenings...	17.00	3.50	6.00	55.00	.....	.....	1747F
Analysis.....	17.90	4.08	5.58	57.10	11.50	3.84	117F
Analysis.....	19.77	4.12	5.94	56.49	9.55	4.13	37K
Analysis.....	18.73	4.19	5.39	58.07	9.58	4.04	80K
Analysis.....	17.44	4.05	5.65	57.54	11.20	4.12	269K
Analysis ^{b c150}	18.00	3.80	7.06	55.36	11.27	4.51	319K
Analysis.....	20.01	3.85	5.28	55.74	11.16	3.96	502K
Analysis.....	19.23	3.45	4.97	58.11	10.22	4.02	8S
Analysis.....	16.95	3.85	5.58	59.85	9.57	4.20	91S
Analysis ¹⁵⁰	17.78	3.95	6.27	56.85	11.00	4.15	208S
Analysis ^a	17.50	4.00	5.42	59.71	9.42	3.95	36T
Analysis ^{b c151}	17.70	4.35	7.75	54.03	11.32	4.85	173T
Analysis ^{c150}	18.70	4.17	7.42	54.10	11.01	4.60	262T
Analysis ^{c150}	18.38	3.83	6.48	56.68	10.60	4.03	427T
Analysis ^a	17.90	4.29	5.85	57.95	9.88	4.13	64W
Analysis.....	19.24	4.22	5.30	56.06	11.22	3.96	214W
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	1747J
Analysis.....	17.10	4.42	9.98	52.19	10.13	6.18	226K
Analysis.....	17.19	4.41	9.58	52.58	10.02	6.22	160M
Analysis ^{b150}	17.55	4.38	7.27	55.49	10.83	4.48	230T
Utility Brand Egg Mash.....	18.00	4.00	8.00	46.00	.....	.....	1747L
Analysis.....	20.19	4.00	6.87	52.29	9.12	7.53	454F
Analysis.....	20.43	4.18	10.02	47.76	8.34	9.27	131K
Eventually Gold Medal Brand Turkey							
Builder.....	24.00	4.50	6.50	40.00	.....	.....	1747R
Analysis ¹⁵²	26.54	5.27	5.85	42.89	8.90	10.55	411H
North Star Dairy Feed with Molasses.	16.00	3.00	13.00	45.00	.....	.....	1747A8
Analysis.....	17.69	3.03	10.03	46.23	12.37	10.65	455F
Eventually Gold Medal Brand Chick							
Builder with Manganese Dioxide...	19.00	4.00	7.00	46.00	.....	.....	1747B4
Analysis ^e	21.76	4.14	6.63	48.92	10.31	8.24	265T
Eventually Gold Medal Brand Chick							
Builder.....	19.00	4.00	7.00	46.00	.....	.....	1747B4
Analysis.....	21.74	4.15	6.77	49.57	8.85	8.92	402K
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	1747C9
Analysis.....	11.64	6.76	7.45	62.89	8.71	2.55	482S
Gold Medal Brand Cattle Fattener							
Pellets.....	14.00	2.20	8.00	53.00	.....	.....	1747E6
Analysis ^{c153}	14.06	2.47	14.87	47.07	12.06	9.47	264T

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.¹⁵⁰Wheat brown shorts and screenings.¹⁵¹Wheat mixed feed and screenings.¹⁵²In stock of consumer. Not tagged, but tags furnished.¹⁵³Dried beet pulp found, not claimed. Deficient in ground limestone.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
General Mills, Inc., Minneapolis, Minnesota, and Divisions—Continued.							
Red Star Wheat Gray Shorts and Screenings.....	17.00	3.50	6.00	55.00	.....	.....	1747F3
Analysis.....	18.84	4.05	6.19	55.66	11.19	4.07	201W
Georgetown Oil Mill, Georgetown, Texas.							
28% Protein Whole-Pressed Cottonseed.....	28.00	5.00	23.00	29.00	.....	.....	116D
Analysis.....	30.14	5.40	23.41	31.08	5.37	4.60	90W
Analysis.....	30.30	4.96	24.36	31.37	4.47	4.54	198W
Analysis.....	29.83	4.75	19.44	36.37	5.20	4.41	408W
Range Boss Feed Pellets.....	21.00	4.00	15.50	41.00	.....	.....	116F
Analysis ¹⁵⁴	21.92	3.75	16.12	45.10	8.85	4.26	324W
Popeye Mixed Feed.....	9.00	1.20	28.00	37.50	.....	.....	116J
Analysis ¹⁵⁴	9.80	1.24	31.11	36.82	11.35	9.68	323W
Pide's Delight Sweet Feed.....	21.00	4.00	15.50	41.00	.....	.....	116N
Analysis.....	21.04	3.83	14.22	46.72	8.81	5.38	16W
Analysis.....	22.92	3.56	17.54	42.20	8.66	5.12	197W
Analysis ¹⁵⁵	17.83	3.01	14.34	49.06	9.23	6.53	404W
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	116O
Analysis.....	8.22	2.86	11.13	65.31	10.57	1.91	120H
Ground Whole Barley.....	.....	.....	.....	.....	.....	.....	.....
Analysis ^{g i f}	9.99	1.67	5.46	70.16	10.02	2.70	543W
Gerald Company, The, Hamilton, Texas.							
Gerald's Mid-Tex Growing Mash.....	17.00	3.80	6.00	50.00	.....	.....	776C
Analysis.....	19.11	4.19	4.82	53.88	9.94	8.06	394W
Gerald's Mid-Tex Chick Starter.....	16.00	3.60	5.00	52.00	.....	.....	776D
Analysis ¹⁵⁶	18.50	4.75	4.58	55.54	9.76	6.87	310W
Gerald's Egg Mash.....	19.00	3.60	6.00	47.00	.....	.....	776O
Analysis.....	21.40	4.62	5.30	49.72	9.29	9.67	399W
Gerald's Shur-Lay Brand Egg Mash.....	18.50	3.60	8.00	47.00	.....	.....	776Q
Analysis.....	21.28	4.24	7.99	51.18	8.54	6.77	78W
Gerald's Turkey Finisher.....	18.00	3.50	7.00	54.00	.....	.....	776R
Analysis ^{d i f}	19.77	4.54	6.06	54.32	9.23	6.08	81W
Gibson Feed Mills, Stanton, Texas.							
Gold Bar Brand Sweet Feed.....	9.00	1.70	15.50	51.50	.....	.....	828H
Analysis.....	8.73	.92	14.88	51.88	11.20	12.39	87S
Analysis.....	8.14	.70	13.81	53.40	12.12	11.83	475S
Gibson's Seed-Feed House, Houston, Texas.							
Gulf Coast Dairy Feed.....	20.00	3.00	15.50	40.00	.....	.....	1243D
Analysis.....	20.06	6.40	12.43	41.19	9.95	9.97	353M
Sunny-South Laying Mash.....	18.00	4.40	8.00	46.00	.....	.....	1243K
Analysis ¹⁵⁷	19.76	6.01	7.10	47.70	9.31	10.12	315M
Gulf Coast Egg Mash with Charcoal.....	18.50	3.50	8.00	48.00	.....	.....	1243M
Analysis ^e	19.87	5.17	8.73	48.18	9.22	8.83	68M
Sunny-South Hen Scratch.....	10.00	3.00	3.00	70.00	.....	.....	1243N
Analysis.....	10.60	3.29	2.07	70.83	11.26	1.95	316M
Gilmer Cotton Oil & Fertilizer Company, Gilmer, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1559D
Analysis.....	45.06	6.73	8.99	28.35	5.25	5.62	69F
Analysis.....	43.11	6.55	10.25	28.03	6.39	5.67	124F

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁵⁴Deficient in pulverized oyster shell and salt.¹⁵⁵Excess of salt found.¹⁵⁶Wheat bran found, not claimed.¹⁵⁷Excess of ground oyster shell found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Gilmer Feed & Hatchery, Brownwood, Texas.							
Gilmer's Home-Mix Egg Mash with Charcoal and Minerals.....	19.00	3.50	7.60	46.50	.....	.....	2487D
Analysis ^a	19.88	4.87	7.12	49.95	8.08	10.10	59S
Globe Grain and Milling Company, Little Rock, Arkansas.							
Wheat Gray Shorts and Screenings...	17.00	3.50	6.00	55.00	.....	.....	953A
Analysis ^{e158}	17.74	4.01	9.06	53.23	10.08	5.88	257F
Globe Mills, Inc., (Flour and Grain Department), El Paso, Texas.							
Globe Fico Laying Mash with Alfalfa Meal and Charcoal.....	18.00	3.60	7.00	50.00	.....	.....	1123A
Analysis ¹⁵⁹	19.66	4.60	6.26	52.93	8.76	7.79	180S
Analysis ^{e160}	20.34	4.95	6.31	51.56	8.50	8.34	320S
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	1123G
Analysis.....	16.59	3.60	3.68	61.85	11.12	3.16	103S
Globe A-1 Brand Dairy Feed.....	18.50	3.90	8.00	50.00	.....	.....	1123Q
Analysis.....	22.24	4.97	7.71	52.83	7.53	4.72	22S
Globe Fico Chick Starter with Dried Buttermilk and Alfalfa Meal.....	15.20	3.70	5.00	55.00	.....	.....	1123A3
Analysis.....	17.85	5.41	3.09	56.37	8.88	8.40	386S
Globe Fico Growing Mash with Alfalfa Meal and Charcoal.....	15.20	3.50	8.20	52.00	.....	.....	1123A4
Analysis ^e	17.25	4.76	6.40	55.08	9.53	6.98	241S
Golden Oak Milling Company, DeLeon, Texas.							
Golden Oak Laying Mash.....	19.00	3.80	7.00	46.50	.....	.....	25A
Analysis ¹⁶¹	20.80	5.07	6.28	47.80	9.60	10.45	434T
Golden Oak Growing Mash.....	16.00	3.50	7.00	54.00	.....	.....	25C
Analysis.....	17.85	4.38	6.23	55.50	10.03	6.01	401W
Golden Oak Cow Feed.....	17.50	3.70	15.00	45.00	.....	.....	25F
Analysis.....	18.48	4.42	13.01	52.38	8.64	3.07	147T
Golden Oak Chick Starter with Charcoal.....	16.00	3.80	5.00	55.00	.....	.....	25I
Analysis ^e	17.67	5.15	5.67	55.13	10.19	6.19	287W
Caraway's Special Egg Mash.....	19.00	3.70	8.00	47.00	.....	.....	25P
Analysis.....	18.60	5.04	7.52	55.24	7.40	6.20	69W
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	25Q
Analysis.....	8.80	3.06	10.27	65.95	9.89	2.03	432T
Golden Oak 9% Protein Sweet Feed.....	9.00	2.00	25.00	41.50	.....	.....	25A3
Analysis.....	10.90	2.28	25.12	40.96	10.29	10.45	319W
Gonzales, A. N., Ysleta, Texas.							
Alexander's Laying Mash.....	20.00	4.00	7.00	47.00	.....	.....	1246A
Analysis.....	19.00	5.66	6.67	54.35	7.24	7.08	20S
Analysis.....	18.53	5.97	7.00	51.87	8.40	8.23	172S
Alexander's Dairy Feed.....	18.00	4.00	9.00	51.00	.....	.....	1246C
Analysis.....	18.32	4.65	7.01	57.36	7.99	4.67	93S
Analysis.....	19.95	4.78	9.25	52.26	8.76	5.00	384S
Gonzales Cotton Oil & Manufacturing Company, Gonzales, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	388F
Analysis ^{b c}	41.86	6.94	11.93	26.86	7.08	5.33	56H
Analysis ^e	42.31	6.94	9.94	27.16	8.19	5.46	196H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁵⁸Wheat bran and screenings.¹⁵⁹Ground limestone found, not claimed.¹⁶⁰Carbonate of lime found, not claimed. Excess of salt found.¹⁶¹Charcoal claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Gonzales Cotton Oil & Manufacturing Company, Gonzales, Texas—Continued.							
43% Protein Cottonseed Meal—Cont.							
Analysis <i>c</i>	42.31	6.80	11.60	26.26	7.55	5.48	294H
Analysis <i>e</i>	41.91	6.53	11.13	26.61	8.17	5.65	466H
Gossett Feed and Produce, Taylor, Texas.							
Taylor-Made Growing Mash.....	16.00	3.60	6.50	52.50			352I
Analysis.....	20.70	4.68	5.75	53.23	10.34	5.30	496W
Goyne & Son, Walnut Springs, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00			765G
Analysis.....	11.58	5.21	12.01	57.47	10.31	3.42	280W
Goyne's Special Dairy Feed.....	19.00	3.50	13.00	38.00			765H
Analysis.....	20.27	4.58	10.54	47.65	9.43	7.53	279W
Graham Mill & Elevator Company, Graham, Texas.							
Hominy Feed.....	10.00	6.00	7.00	60.00			664E
Analysis.....	11.62	8.78	8.17	59.47	8.61	3.35	375T
Supreme Brand Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00			664G
Analysis.....	18.80	4.75	5.73	56.28	10.30	4.14	153K
Analysis.....	19.52	4.51	5.93	54.28	11.40	4.36	88T
Analysis.....	18.38	4.24	5.98	56.59	12.22	2.59	146T
Analysis.....	19.18	4.25	5.48	55.56	11.66	3.87	220T
Analysis.....	18.21	4.41	5.95	55.39	11.84	4.20	253T
Analysis <i>e</i> ¹⁶²	19.47	4.46	6.53	54.41	10.78	4.35	345T
Analysis.....	19.76	4.93	5.97	52.77	12.18	4.39	442T
Supreme Brand Wheat Bran and Screenings.....	16.00	3.50	10.00	53.00			664L
Analysis.....	18.00	4.23	9.29	51.39	11.14	5.95	233K
Supreme Brand Ground Whole Oats.....	11.00	4.00	12.00	58.00			664S
Analysis <i>b</i> ¹⁶³	12.94	4.79	9.78	60.21	8.86	3.42	107F
Texas King Brand Sweet Feed.....	9.00	2.20	15.00	53.00			664X
Analysis <i>b k</i>	8.69	.66	13.73	55.48	13.05	8.39	350W
Analysis <i>b k</i>	10.83	.99	12.27	55.32	12.14	8.45	516W
Supreme Brand All-Mash Starter with Buttermilk and Cod Liver Oil.....	17.00	4.00	5.00	52.00			664Y
Analysis.....	17.60	5.07	4.41	57.30	10.14	5.48	229S
Supreme Brand Horse and Mule Feed.....	10.00	2.80	12.50	53.50			664A2
Analysis <i>a</i> ¹⁶⁴	11.16	4.26	8.55	60.96	11.34	3.73	329F
Supreme Brand 24% Protein Dairy Feed.....	24.00	3.70	11.50	41.00			664A3
Analysis.....	23.86	3.60	11.20	44.63	8.83	7.88	17F
Analysis.....	25.00	4.05	8.30	44.71	11.30	6.64	327F
Texas King Brand 5 Egg Mash.....	19.00	3.50	7.50	46.00			664A6
Analysis ¹⁶⁵	19.20	3.94	9.14	48.79	10.03	8.90	209W
Grapevine Milling Company, Grapevine, Texas.							
Alfalfa Meal.....	13.00	1.50	33.00	35.00			1662K
Analysis.....	16.08	1.65	26.99	37.63	6.45	11.20	51T
Analysis.....	17.27	1.65	25.99	35.82	9.55	9.72	409T
Alfalfa Meal and Molasses.....	10.50	1.10	25.00	42.50			1662N
Analysis.....	14.82	1.14	16.92	44.91	12.88	9.33	388T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.¹⁶²Wheat brown shorts and screenings.¹⁶³Corn meal present.¹⁶⁴Deficient in ground limestone.¹⁶⁵Peanut meal substituted for soybean oil meal.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Grapevine Milling Company,							
Grapevine, Texas—Continued.							
Ground Whole Oats and Oat Hulls....	8.50	3.00	18.00	55.50	.....	.....	1662A2
Analysis.....	9.30	3.33	16.32	58.63	7.81	4.61	15T
Analysis.....	8.80	4.08	15.86	58.18	8.60	4.48	392T
B & D Brand Chick Starter with Cod Liver Oil.....	18.00	4.00	6.50	51.50	.....	.....	1662B5
Analysis.....	19.76	5.65	5.34	51.80	8.93	8.52	122T
5-Point 24% Protein Dairy Feed.....	24.00	3.50	14.00	38.00	.....	.....	1662C5
Analysis.....	25.41	3.58	13.39	39.24	10.03	8.35	255F
B & D Brand 24% Protein Dairy Feed	24.00	3.80	12.00	39.00	.....	.....	1662C6
Analysis.....	26.30	4.15	10.61	40.50	9.93	8.51	63T
B & D Brand Cattle Cubes.....	12.00	2.50	8.50	55.00	.....	.....	1662E1
Analysis ^b	15.26	2.24	7.96	57.57	8.45	8.52	64T
B & D Brand Calf Cubes with Char- coal.....	24.00	4.00	6.00	43.00	.....	.....	1662E6
Analysis ^c	27.61	4.92	4.99	47.15	7.14	8.19	62T
Gray, J. C.,							
Roscoe, Texas.							
Hi-Quality Brand Laying Mash.....	18.50	3.50	7.00	46.00	.....	.....	743C
Analysis.....	20.23	5.33	7.83	49.53	8.70	8.38	432S
Great Atlantic & Pacific Tea Company,							
The,							
New York, New York.							
"Made-in-the-South" Talco Starting Mash with Manganese Sulphate...	17.00	4.00	6.00	46.00	.....	.....	987F
Analysis ^j	19.10	5.01	5.36	52.89	10.29	7.35	282T
"Made-in-the-South" Talco Starting Mash.....	17.00	4.00	6.00	46.00	.....	.....	987F
Analysis ¹⁶⁶	19.26	5.75	5.96	51.16	10.11	7.76	515W
Special Talco 24% Protein Dairy Feed.....	24.00	4.00	11.00	40.00	.....	.....	987N
Analysis.....	24.92	4.62	9.53	44.18	9.12	7.63	43W
Green Milling & Grain Company, C. L.,							
Winters, Texas.							
Wheat Mixed Feed.....	17.50	3.50	8.50	52.00	.....	.....	2331C
Analysis.....	20.94	2.91	5.99	56.55	9.72	3.89	454S
Silver Bell Dairy Feed.....	18.00	3.50	10.00	48.50	.....	.....	2331P
Analysis.....	18.10	4.75	9.00	53.57	9.65	4.93	288S
Greenville Cotton Oil Company,							
Greenville, Texas.							
Red Rooster Brand 43% Protein Cot- tonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	260A
Analysis.....	43.42	6.12	11.49	27.58	5.72	5.67	12F
Analysis.....	43.35	6.03	11.19	27.22	6.56	5.65	100F
Analysis ^e	42.30	6.49	11.55	27.51	6.79	5.36	175F
Analysis ¹⁶⁷	42.92	7.14	11.12	27.08	6.38	5.36	211F
Analysis ¹⁶⁸	43.36	6.49	11.42	26.71	6.22	5.80	211K
Analysis.....	43.78	6.15	11.74	27.23	5.55	5.55	14T
Analysis.....	43.70	6.27	11.35	26.23	6.92	5.53	33T
Analysis.....	43.03	5.72	11.09	27.22	6.91	6.03	406T
Red Rooster Brand 43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	260B
Analysis.....	43.18	6.02	11.35	27.84	6.13	5.48	11F
Analysis.....	43.30	6.44	11.03	27.24	6.19	5.80	212K
Red Rooster Brand Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00	.....	.....	260D
Analysis.....	14.71	2.20	34.93	38.10	6.89	3.17	164F

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹⁶⁶34% protein linseed meal claimed, not found.¹⁶⁷Cottonseed cake.¹⁶⁸Coarsely ground cottonseed meal.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Grimsell Seed Company, Frank, Harlingen, Texas.							
Grimsell Egg Mash with Charcoal....	19.00	3.60	7.00	46.00	.....	.....	2199B
Analysis ^e	19.56	5.36	5.95	51.06	9.29	8.78	263H
Grindstaff, R. B., Morton, Texas.							
Laying Mash.....	18.00	3.60	8.00	50.00	.....	.....	1831A
Analysis.....	20.86	4.30	7.30	50.95	8.35	8.24	351K
Growing Mash.....	16.00	3.50	7.60	53.00	.....	.....	1831E
Analysis.....	19.45	3.98	5.90	54.12	9.02	7.53	421K
All-Mash Chick Starter.....	18.00	3.50	6.00	52.00	.....	.....	1831G
Analysis.....	22.77	4.04	5.33	52.59	9.16	6.11	509K
Gross, B. J., Bonham, Texas.							
Economy Brand Dairy Feed.....	18.50	3.80	12.00	48.00	.....	.....	1573F
Analysis.....	18.86	4.74	10.85	52.06	7.63	5.86	16F
Analysis ^e	18.70	4.73	10.58	51.66	8.68	5.65	105F
Gross Feed Store, Bonham, Texas.							
Chowmix 20% Protein Dairy Feed...	20.00	3.50	10.00	45.00	.....	.....	1573D
Analysis ^k	21.46	4.39	7.93	50.15	11.27	4.80	352F
Chowmix Laying Mash B.....	18.00	3.50	8.00	48.00	.....	.....	1573E
Analysis.....	19.87	5.26	5.06	53.31	10.50	6.00	351F
Guffee Feed & Seed Store, Sherman, Texas.							
Guffee's Special Egg Mash with Charcoal and Minerals.....	18.00	3.70	5.00	50.00	.....	.....	521B
Analysis ¹⁶⁹	18.10	4.67	5.91	53.98	9.12	8.22	112T
Analysis ^{e169}	16.19	4.38	4.17	57.82	10.24	7.20	275T
Guffee's Special Egg Mash.....	18.00	3.70	5.00	50.00	.....	.....	521B
Analysis ¹⁶⁹	19.20	4.92	5.21	53.49	9.52	7.66	357T
Gulf Coast Rice Mills, Houston, Texas.							
Rice Polishings containing Precipitated Carbonate of Lime.....	11.00	6.00	4.00	55.00	.....	.....	2457A
Analysis.....	11.88	12.39	2.12	55.59	9.97	8.05	139M
Rice Bran containing Precipitated Carbonate of Lime.....	11.00	10.00	15.00	42.00	.....	.....	2457B
Analysis.....	12.12	13.21	13.50	38.74	9.66	12.77	177M
Analysis ¹⁷⁰	12.11	14.18	10.70	41.08	9.51	12.42	471M
Analysis ¹⁷⁰	12.00	13.66	14.44	34.08	8.34	17.48	416W
Gunter Hatchery and Feed Store, Gunter, Texas.							
Sure-Shot Brand Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	799C
Analysis.....	22.30	5.77	4.14	48.55	9.62	9.62	295T
Gutierrez & Company, Teodosio, Laredo, Texas.							
25% Protein Whole-Pressed Cottonseed.....	25.00	6.00	25.00	29.00	.....	.....	1331A
Analysis ¹⁷¹	28.15	8.14	24.07	27.50	6.99	5.15	369H
G. & W. Feed Mill, Clifton, Texas.							
Milky-Way Dairy Feed.....	16.00	3.80	12.00	51.00	.....	.....	46A
Analysis ¹⁷²	16.56	4.45	10.81	53.00	9.83	5.35	274W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁶⁹Ground whole oats found, not claimed.¹⁷⁰Excess of precipitated carbonate of lime found.¹⁷¹Rancid odor and dark in color.¹⁷²Powdered oyster shell claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hacker Flour Mills, Jefferson, Oklahoma.							
Wheat Gray Shorts and Screenings...	16.00	3.50	6.00	55.00	.....	.....	747C
Analysis.....	16.74	3.77	6.12	57.49	11.41	4.47	341F
Analysis ^{c173}	17.45	3.85	6.63	56.97	10.85	4.25	403F
Hairgrove Hatchery, Spur, Texas.							
Milo Head Chop.....	8.50	2.50	8.00	65.00	.....	.....	2370A
Analysis ^a	10.75	2.61	6.11	65.86	9.97	4.70	146K
Hale Center Feed & Seed Company, Hale Center, Texas.							
Panhandle Egg Mash.....	18.00	3.60	6.50	48.00	.....	.....	297E
Analysis.....	20.57	4.05	5.97	50.91	9.42	9.08	358K
Hall Coal & Grain, A. W., Quanah, Texas.							
Quanah Cow Feed.....	17.00	3.00	23.60	40.00	.....	.....	391A
Analysis.....	18.20	3.81	21.19	44.62	7.32	4.86	411K
Hall Rice Milling Company, New Iberia, Louisiana.							
Rice Hulls, Rice Bran, Brewers' Rice, and Rice Polishings.....	7.00	4.00	27.00	37.00	.....	.....	1887A
Analysis ^a	7.03	6.20	24.40	37.14	9.70	15.53	420F
Haltom City Feed Mill, Fort Worth, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1203A
Analysis ¹⁷⁴	11.40	5.29	12.62	55.62	11.06	4.01	461T
Hamilton, Walter, Dublin, Texas.							
Special Laying Mash.....	18.00	3.50	8.00	50.00	.....	.....	1616F
Analysis ¹⁷⁵	16.43	4.54	8.24	54.79	8.62	7.38	80T
Analysis ¹⁷⁶	17.54	4.32	7.30	55.58	7.84	7.42	317T
Analysis ¹⁷⁷	16.85	4.33	7.05	55.53	8.69	7.55	378T
Hamilton Cotton Oil Company, Shreveport, Louisiana.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	183A
Analysis.....	42.89	5.57	10.28	29.03	6.25	5.98	56F
Analysis ^e	41.55	5.26	12.09	28.06	7.23	5.81	63F
Analysis ^e	41.98	5.52	11.74	28.05	6.96	5.75	118F
Analysis.....	42.78	5.50	11.02	27.82	6.96	5.92	123F
Analysis.....	43.67	5.92	10.26	26.77	7.15	6.23	298F
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	183C
Analysis.....	41.13	5.37	11.96	28.59	7.35	5.60	186F
Analysis.....	41.48	5.30	11.51	28.69	7.00	6.02	308F
Hamilton's Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	183E
Analysis.....	11.96	2.08	37.36	40.31	5.22	3.07	57F
Hamilton Mill & Elevator Company, Hamilton, Texas.							
Hamco Growing Mash.....	17.00	3.60	5.00	51.00	.....	.....	62D
Analysis.....	19.03	4.93	4.93	53.12	9.67	8.32	485W
Hamco Dairy Feed.....	20.00	3.30	11.50	45.00	.....	.....	62N
Analysis ^f	20.10	3.08	10.05	47.86	11.57	7.34	251W

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.¹⁷³Wheat brown shorts and screenings.¹⁷⁴Registration canceled.¹⁷⁵Milo meal claimed, not found. Peanut hay and oyster shell found, not claimed.¹⁷⁶Alfalfa meal, dried buttermilk, and steamed bone meal claimed, not found. Cottonseed meal, ground peanut hay, and oyster shell found, not claimed.¹⁷⁷Ground oyster shell found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hamilton Mill & Elevator Company, Hamilton, Texas—Continued.							
Hamco Baby Chick Starter.....	19.00	3.80	6.00	47.00	.....	.....	62Z
Analysis.....	21.49	4.36	4.13	52.07	9.59	8.36	411W
Hamco Economy Brand Egg Mash....	19.00	3.60	8.00	44.50	.....	.....	62A2
Analysis.....	19.50	4.42	7.53	50.93	8.83	8.79	10W
Analysis.....	20.94	4.75	7.56	48.37	10.06	8.32	313W
Hamco Bulky Feed.....	9.30	1.60	12.00	57.00	.....	.....	62A9
Analysis.....	9.23	.51	15.22	57.48	11.72	5.84	385W
Analysis.....	10.78	1.29	15.63	54.23	11.49	6.58	544W
Circle "W" Baby Chick Starter.....	17.00	3.50	6.00	50.00	.....	.....	62B8
Analysis.....	17.90	4.55	4.09	57.93	9.49	6.04	379W
Circle "W" Laying Mash.....	18.00	3.50	7.00	46.00	.....	.....	62C1
Analysis.....	19.00	4.12	7.75	51.71	9.45	7.97	225T
Analysis ¹⁷⁸	18.68	4.60	7.91	51.45	9.72	7.64	180W
Hamilton Oil Mill Company, Hamilton, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	98A
Analysis ^c	41.04	7.09	12.74	28.05	6.00	5.08	183W
Analysis ^c	39.69	6.11	11.83	29.80	6.80	5.77	303W
Analysis ^c	40.28	6.49	12.47	27.68	7.89	5.19	539W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	98B
Analysis ^c	42.37	6.80	11.19	27.55	6.50	5.59	182W
Analysis ^{b,c}	40.96	5.43	11.76	28.25	7.57	6.03	302W
36% Protein Ground Whole-Pressed Peanuts.....	36.00	6.00	22.00	20.00	.....	.....	98E
Analysis.....	35.22	8.06	20.80	22.12	7.87	5.93	294W
Analysis.....	34.97	8.25	20.45	23.81	6.49	6.03	397W
Hamlin Hatchery, Hamlin, Texas.							
H & H Chick Starter with Iron Oxide.	17.50	3.60	5.00	52.50	.....	.....	71B
Analysis.....	17.60	4.34	4.61	56.09	10.15	7.21	228S
H & H Growing Mash.....	17.50	3.50	5.00	54.00	.....	.....	71C
Analysis.....	17.90	4.20	3.27	56.84	10.92	6.87	370S
Hardeman-King Company, Amarillo, Texas.							
Merit Brand Growing Mash with Charcoal and Manganese Sulphate..	18.00	4.50	8.00	51.00	.....	.....	847H
Analysis ^e	19.00	3.60	6.62	54.22	9.63	6.93	373K
Tip-Top Brand Egg Mash.....	19.00	3.50	8.00	48.00	.....	.....	847I
Analysis.....	18.73	4.14	7.94	53.11	7.77	8.31	58K
Merit Brand Egg Mash with Man- ganese Sulphate.....	18.00	3.60	6.00	51.00	.....	.....	847J
Analysis ^e	18.30	3.66	5.40	56.24	8.95	7.45	92K
Merit Brand 16.50% Protein Sweet Pellets.....	16.50	3.20	5.00	56.00	.....	.....	847S
Analysis.....	17.40	3.01	3.87	61.42	8.34	5.96	35K
Analysis ^e	18.53	3.25	3.93	57.50	10.62	6.17	102K
Merit Brand 16.50% Protein Sweet Feed Pellets.....	16.50	3.20	5.00	56.00	.....	.....	847S
Analysis ^{b,179}	18.65	3.35	3.75	59.27	8.85	6.13	458K
Tex-O-Las.....	10.20	1.10	25.00	42.00	.....	.....	847W
Analysis ^k	11.40	.63	21.00	48.56	9.27	9.14	450K
Merit Brand Horse and Mule Feed...	9.50	3.20	8.50	60.00	.....	.....	847Z
Analysis.....	9.80	4.31	7.10	63.70	8.88	6.21	1K
Merit Brand 45% Protein Supplement for Pigs and Hogs.....	45.00	5.00	5.50	17.00	.....	.....	847A6
Analysis.....	46.41	4.47	4.68	21.19	7.62	15.63	287K
Merit Brand 32% Protein Poultry Mash Concentrate with Charcoal..	32.00	4.00	11.00	25.00	.....	.....	847C2
Analysis ^e	34.66	4.76	11.53	30.31	6.90	11.84	183K

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹⁷⁸Excess of powdered oyster shell found.¹⁷⁹In cube form.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939,
to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Hardeman-King Company,							
Amarillo, Texas—Continued.							
Merit Brand 36% Protein Poultry Mash Concentrate.....	36.00	5.00	7.00	20.00	.....	.....	847C2
Analysis.....	37.52	4.48	6.78	26.91	7.72	16.59	472K
Merit Brand All-Mash Starter with Charcoal and Manganese Sulphate.	18.00	3.80	7.00	51.00	.....	.....	847C5
Analysis.....	20.71	3.81	6.23	53.66	9.50	6.09	251K
Merit Brand Turkey Starting Mash.....	24.00	3.80	6.00	43.00	.....	.....	847C7
Analysis.....	24.85	3.61	4.07	49.46	9.65	8.36	476K
Merit Brand 16.50% Protein Sweet Feed.....	16.50	3.20	5.00	56.00	.....	.....	847D1
Analysis.....	17.44	2.98	3.79	59.07	11.44	5.28	276K
Merit Brand Egg Mash Pellets with Manganese Sulphate.....	18.00	3.60	6.00	51.00	.....	.....	847D2
Analysis.....	18.00	3.72	5.30	57.56	8.08	7.34	16K
Square-Meal Brand Cow Feed.....	10.00	2.40	8.00	57.00	.....	.....	847D4
Analysis.....	11.55	2.23	9.67	47.97	10.24	18.34	95K
Square-Meal Brand Egg Mash.....	18.00	3.50	8.00	51.00	.....	.....	847D6
Analysis.....	18.42	3.90	8.02	54.65	7.50	7.51	39K
Merit Brand Summer Developing Mash.....	16.00	3.00	11.00	47.00	.....	.....	847D8
Analysis.....	17.98	3.92	9.45	49.78	9.48	9.39	528K
Merit Brand Broiler Mash.....	17.00	3.50	7.00	52.50	.....	.....	847E3
Analysis.....	18.61	3.62	5.08	56.62	9.86	6.21	370K
Merit Brand 20% Protein Sweet Pellets.....	20.00	3.00	5.80	50.50	.....	.....	847E9
Analysis.....	24.06	3.95	4.25	52.54	8.60	6.60	201K
Hardy Street Feed Store,							
Houston, Texas.							
Hearty Brand 19% Protein Dairy Feed.....	19.00	4.50	13.50	46.00	.....	.....	1494A
Analysis ¹⁸⁰	20.52	5.02	11.70	43.91	10.10	8.75	118M
Hearty Brand Laying Mash with Charcoal.....	18.00	3.50	8.00	44.50	.....	.....	1494C
Analysis.....	20.86	4.66	6.88	47.88	9.32	10.40	117M
Hearty Brand Starting Mash with Charcoal.....	15.50	3.60	6.60	52.00	.....	.....	1494F
Analysis.....	17.10	4.62	5.45	56.17	9.72	6.94	304M
Savon Brand Laying Mash with Char- coal.....	18.00	3.50	8.00	47.00	.....	.....	1494I
Analysis ¹⁸¹	18.20	5.88	7.94	46.04	9.78	12.16	116M
Hearty Brand Special Cow Feed.....	19.00	3.80	18.00	39.00	.....	.....	1494J
Analysis.....	19.38	4.95	17.82	37.08	10.18	10.59	119M
Harlingen Cotton Oil Mill,							
Harlingen, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	772A
Analysis.....	41.74	5.85	10.60	28.58	7.43	5.80	115H
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	772B
Analysis.....	41.56	6.26	11.72	28.43	6.59	5.44	10H
Analysis.....	43.40	6.18	10.22	26.97	7.44	5.79	89H
Analysis.....	42.25	6.25	10.35	27.91	7.34	5.90	116H
Analysis.....	42.35	5.48	10.89	27.55	8.18	5.55	177H
Analysis.....	42.48	5.40	10.43	28.02	7.90	5.77	260H
Analysis.....	42.05	6.22	10.15	27.65	8.14	5.79	341H
Analysis.....	42.74	6.05	9.58	27.48	8.30	5.85	401H
Analysis.....	42.40	6.08	10.67	26.44	8.29	6.12	403H
Panther Brand Mixed Feed.....	11.70	1.70	36.50	35.00	.....	.....	772F
Analysis.....	12.50	1.85	34.85	39.06	5.65	6.09	262H
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	772G
Analysis ^b	40.56	6.00	11.90	26.44	8.23	6.87	338H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁸⁰Rice bran found, not claimed.¹⁸¹Some rice hulls found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Harlingen Cotton Oil Mill, Harlingen, Texas—Continued.							
Cotton Bloom Brand 18% Protein							
Mixed Feed.....	18.00	2.60	21.70	35.70	.....	.....	772H
Analysis ¹⁸²	14.06	2.26	25.13	45.39	7.19	5.97	261H
Analysis.....	17.31	2.31	26.04	39.07	8.87	6.40	337H
Cotton Bloom Brand 44% Protein							
Supplement for Hogs.....	44.00	6.50	10.00	16.50	.....	.....	772L
Analysis.....	45.31	6.67	8.38	18.26	6.81	14.57	772L
Harris Feed & Chick Store, Fort Worth, Texas.							
OK Brand All-Mash Chick Ration...	17.50	4.20	6.00	52.00	.....	.....	962E
Analysis.....	17.47	4.67	5.22	54.78	9.77	8.09	199T
OK Brand Poult Mash.....	22.00	4.60	5.00	44.00	.....	.....	962G
Analysis.....	22.50	5.58	4.67	51.94	9.25	6.06	448T
Harvest Queen Mill & Elevator Com- pany, Plainview, Texas.							
Wheat Gray Shorts and Screenings...	16.00	4.00	6.00	55.00	.....	.....	755F
Analysis.....	18.38	3.94	5.08	58.29	10.52	3.79	59K
Analysis ¹⁸³	19.29	4.03	6.26	56.50	9.56	4.36	371K
Wheat Red Dog Flour.....	15.00	2.50	4.00	65.00	.....	.....	755G
Analysis.....	16.81	2.43	1.50	67.47	9.81	1.98	352K
Wheat Bran and Screenings.....	15.00	3.00	10.00	50.00	.....	.....	755K
Analysis.....	17.60	3.92	9.68	52.71	9.05	7.04	163K
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	755L
Analysis.....	10.68	6.53	8.86	61.32	9.90	2.71	314K
Wheat Bran, Corn Bran, and Screen- ings.....	15.00	3.50	10.00	51.00	.....	.....	755M
Analysis.....	16.59	4.10	9.61	54.20	9.35	6.15	506K
Heid Bros., El Paso, Texas.							
Laying Mash with Charcoal.....	18.00	4.00	8.00	46.00	.....	.....	2446M
Analysis.....	19.45	5.39	8.17	52.29	6.43	8.27	27S
Laying Mash.....	18.00	4.00	8.00	46.00	.....	.....	2446M
Analysis.....	19.50	5.32	6.83	51.30	8.01	9.04	389S
H. B. Dairy Feed.....	15.00	4.00	10.00	54.00	.....	.....	2446P
Analysis ¹⁸⁴	14.99	3.91	7.79	58.81	9.45	5.05	244S
H. B. Growing Mash.....	15.00	3.50	7.00	54.00	.....	.....	2446W
Analysis.....	17.25	5.29	5.19	57.98	8.15	6.14	96S
30% Protein Linseed Meal.....	30.00	4.50	9.50	35.00	.....	.....	2446X
Analysis.....	30.90	4.78	9.95	39.49	9.08	5.80	2446X
Analysis.....	31.11	4.75	7.07	42.79	9.03	5.25	100S
H. B. Chick Starter Mash.....	18.00	3.80	7.00	51.00	.....	.....	2446Y
Analysis.....	18.40	5.49	4.69	56.64	8.79	5.99	324S
H. B. Crate Fattener.....	13.00	3.50	6.00	60.00	.....	.....	2446Z
Analysis.....	14.65	5.66	6.26	60.67	8.25	4.51	481S
Hempstead Feed Mills, Hempstead, Texas.							
Corn Feed Meal.....	8.00	3.00	3.00	67.00	.....	.....	1504A
Analysis.....	9.04	4.70	2.34	70.07	12.33	1.52	144M
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1504C
Analysis.....	6.96	3.09	10.40	66.43	11.67	1.45	143M
Archie's Brand 18% Protein Sweet Feed.....	18.00	3.50	14.50	44.00	.....	.....	1504E
Analysis.....	18.00	3.51	14.65	44.60	11.37	7.87	142M

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹⁸²Deficient in ground oyster shell and salt.¹⁸³Wheat brown shorts and screenings.¹⁸⁴Milo meal found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hempstead Implement & Feed Company, Hempstead, Texas.							
Horse and Mule Feed.....	9.00	2.50	10.00	62.00	.....	.....	1504G
Analysis ^a	9.62	3.06	8.11	62.78	12.01	4.42	373M
Milk-Producer Brand 18% Protein Dairy Feed.....	18.00	3.50	11.00	48.00	.....	.....	1504H
Analysis ^a 185.....	18.43	5.13	8.82	49.16	10.82	7.64	372M
Hempstead Brand 18% Protein Dairy Feed.....	18.00	3.00	15.00	42.00	.....	.....	1504I
Analysis ^a	18.71	2.98	11.57	44.86	10.68	11.20	437M
Henderson Grain Company, Abilene, Texas.							
H and H Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	350A
Analysis.....	11.64	1.72	36.06	40.57	6.61	3.40	470S
H. P. H. Supreme Brand Dairy Feed.....	23.00	3.70	12.50	40.00	.....	.....	350E
Analysis.....	26.55	4.60	10.54	41.12	9.20	7.99	424S
H. P. H. Supreme Brand Laying Mash Analysis.....	20.00	3.50	8.00	40.00	.....	.....	350J
H. P. H. Supreme Brand Baby Chick Starter.....	23.06	4.80	7.58	47.93	9.43	7.20	308S
Analysis ¹⁸⁶	17.80	3.50	5.50	51.00	.....	.....	350K
Sweet Mixed Feed.....	19.78	3.81	4.40	54.19	9.63	8.19	371S
Analysis.....	9.00	1.50	17.50	49.00	.....	.....	350N
Analysis.....	12.38	2.20	16.56	49.86	8.06	10.94	2S
Henderson, Tarrance, and Ferguson, Littlefield, Texas.							
Ground Hegari Heads, Stalks, and Stems.....	7.00	2.00	20.00	55.00	.....	.....	1177A
Analysis ^a 187.....	6.55	1.24	17.63	47.18	18.55	8.85	270K
Hendrick Grain Company, Houston, Texas.							
Double-Good Brand Dairy Feed....	20.00	5.00	16.00	38.00	.....	.....	547A
Analysis ¹⁸⁸	18.66	5.24	16.74	41.64	8.04	9.68	76M
Analysis ¹⁸⁹	17.73	4.59	17.18	40.60	9.10	10.80	185M
Double-Good Brand Dairy Feed....	18.50	4.50	15.00	37.00	.....	.....	547A
Analysis ¹⁹⁰	21.18	6.78	12.13	38.87	10.13	10.91	306M
Double-Good Brand Scratch Grains....	10.50	3.00	3.00	70.00	.....	.....	547B
Analysis.....	10.60	2.69	2.21	72.30	10.76	1.44	184M
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	547C
Analysis ^a	8.39	2.83	10.25	66.28	10.70	1.55	307M
Henry Feed Store, Houston, Texas.							
Henry's Mix Dairy Feed.....	21.00	3.60	15.50	40.00	.....	.....	2581A
Analysis.....	21.80	4.49	14.55	41.63	10.47	7.06	172M
Herring Milling & Feed Company, Robstown, Texas.							
Hegari Heads, Stalks and Stems with Molasses.....	6.00	1.50	16.00	57.00	.....	.....	2642B
Analysis.....	4.19	1.27	19.20	54.80	12.27	8.27	398H
High Grade Packing Company Abattoir, Galveston, Texas.							
Oleander Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	399B
Analysis.....	50.82	7.66	1.10	1.73	6.91	31.78	348M

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

¹⁸⁵Deficient in ground limestone.¹⁸⁶Carbonate of lime found, not claimed.¹⁸⁷Packed in bags containing illegal net weights. Even-weighted and sale resumed.¹⁸⁸Ground peanut hulls, crimped whole oats, and bone meal found, not claimed.¹⁸⁹34% protein linseed meal and 41% protein soybean oil meal claimed, not found. Crimped whole oats, peanut hulls, and rice hulls found, not claimed.¹⁹⁰41% soybean oil meal claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hill County Cotton Oil Company, Hillsboro, Texas.							
43% Protein Pea-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	292A
Analysis.....	43.68	6.96	10.00	26.72	7.09	5.55	267W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	292J
Analysis.....	43.66	6.85	11.08	26.72	6.02	5.67	56W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	292K
Analysis.....	43.20	7.83	10.45	27.29	5.54	5.69	47W
Analysis ^c	41.68	6.55	12.26	28.08	5.97	5.46	53W
Analysis ^e	42.18	6.59	11.17	28.47	6.15	5.44	160W
Analysis ^e	42.75	7.67	9.98	26.98	6.91	5.71	261W
Analysis ^e	41.70	7.31	9.30	29.57	6.77	5.35	264W
Analysis ^e	42.04	6.71	11.34	28.46	6.15	5.30	72T
Analysis ^{b e}	41.16	6.99	12.84	27.11	6.59	5.31	218T
Hinds Hatchery, Winters, Texas.							
Growing Mash.....	17.00	3.50	7.50	50.00	.....	.....	2455B
Analysis ¹⁹¹	19.41	4.87	6.66	51.88	9.11	8.07	453S
Holley Feed & Fuel Company, Hillsboro, Texas.							
Holley Brand Chick Starter.....	17.00	3.50	7.00	51.00	.....	.....	360F
Analysis.....	17.10	3.91	4.68	55.23	10.14	8.94	454W
Holley Brand Egg Mash with Charcoal and Minerals.....	19.00	3.60	7.00	48.00	.....	.....	360G
Analysis ^e	21.15	4.75	5.65	49.22	10.38	8.85	266W
Holtex Mill, Dallas, Texas.							
Holtex Special Dairy Feed.....	15.00	3.50	10.00	51.00	.....	.....	725K
Analysis.....	15.86	4.46	9.16	54.90	9.26	6.36	725K
Home Mix Feed Company, Inc., Austin, Texas.							
Our-Own Brand Laying Mash.....	19.00	3.50	6.00	46.50	.....	.....	2652A
Analysis.....	21.44	5.96	5.01	49.07	8.83	9.69	50H
Analysis.....	21.54	5.15	5.65	47.57	10.64	9.45	300H
Home Mix Brand Special Egg Mash.....	19.00	3.80	7.50	46.50	.....	.....	2652C
Analysis.....	21.56	4.84	6.70	47.73	10.07	9.10	301H
Analysis.....	21.35	5.81	6.33	48.21	8.75	9.55	441H
Contest Brand All-Mash Starting Ration.....	16.00	3.50	5.00	54.00	.....	.....	2652L
Analysis.....	19.30	4.85	3.22	57.83	8.90	5.90	377H
Cap-Tex Sweet Feed.....	9.00	1.50	35.00	36.00	.....	.....	2652N
Analysis.....	9.78	.86	28.38	40.02	14.21	6.75	129H
H-M Growing Mash.....	17.00	3.80	6.00	51.00	.....	.....	2652Q
Analysis.....	19.00	4.50	3.76	55.59	9.50	7.65	378H
Our-Own Brand Dairy Feed.....	21.00	4.00	14.00	40.00	.....	.....	2652R
Analysis ¹⁹²	19.03	4.45	10.40	48.75	10.05	7.32	442H
Honaker Grain & Hatchery Company, Farmersville, Texas.							
Best Maid Brand Chick Starter with Charcoal.....	16.50	4.00	6.00	52.00	.....	.....	84F
Analysis ^e	18.83	5.35	5.35	54.50	10.83	5.14	293T
Honey Grove Cotton Oil Company, The, Honey Grove, Texas.							
Cottonseed Hulls and Cottonseed Meal.....	16.50	2.40	33.50	34.50	.....	.....	499D
Analysis.....	16.74	3.15	32.68	37.98	5.95	3.50	267F

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁹¹Deficient in ground limestone.¹⁹²Deficient in ground limestone.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Honey Grove Cotton Oil Company, The. Honey Grove, Texas—Continued.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	499E
Analysis.....	42.06	7.64	11.94	27.96	4.58	5.82	15F
Analysis.....	42.54	7.24	9.49	28.21	6.87	5.65	349F
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	499F
Analysis.....	43.74	6.05	10.29	26.97	7.25	5.70	266F
Honey Grove Sweetmix.....	11.60	1.50	31.20	38.40	.....	.....	499G
Analysis.....	14.63	1.97	29.89	39.50	9.26	4.75	359T
Corn Chop.....	9.00	3.50	3.00	70.00	.....	.....	499I
Analysis.....	9.92	3.67	2.69	70.92	9.45	3.35	115T
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	499J
Analysis.....	7.97	2.88	11.84	64.29	11.10	1.92	366F
Horton, Hal C., Greenville, Texas.							
Horton's Red Diamond Starting Feed with Buttermilk.....	17.00	3.50	3.00	54.00	.....	.....	1202G
Analysis.....	17.48	5.15	2.95	54.30	11.50	8.62	286F
Red Diamond 5 Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	1202J
Analysis ¹⁹³	21.94	5.01	6.26	47.24	8.30	11.25	104F
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1202N
Analysis.....	8.80	3.29	9.72	65.17	11.07	1.95	354F
Bunco Brand Sweet Feed.....	11.50	2.00	25.00	46.00	.....	.....	1202V
Analysis.....	10.24	1.23	17.34	50.80	15.08	5.31	377F
Red Diamond 13% Protein Mixed Feed.....	13.00	2.00	44.00	27.00	.....	.....	1202Z
Analysis ¹⁹⁴	11.69	1.67	30.83	36.67	11.95	7.19	376F
All-Mash Chick Starting Ration.....	15.00	3.50	5.00	54.00	.....	.....	1202A9
Analysis.....	15.90	4.99	4.30	56.91	10.90	7.00	285F
Red Diamond Sweet Feed.....	9.00	2.00	19.50	48.00	.....	.....	1202B4
Analysis ¹⁹⁵	11.28	2.60	9.05	51.32	15.93	9.82	453F
Housewright Grain Company, Wylie, Texas.							
Quality Brand Egg Mash with Char- coal.....	19.00	3.60	4.50	48.50	.....	.....	1636A
Analysis.....	21.10	5.64	4.52	50.36	10.70	7.68	292T
Houston Cotton Oil Mill, Houston, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	720B
Analysis.....	46.15	6.72	9.95	24.62	6.50	6.06	26M
Analysis ^b	41.68	6.37	11.44	26.86	7.68	5.97	227M
Analysis.....	43.06	6.80	10.30	25.69	7.85	6.30	397M
Analysis.....	43.26	6.76	9.96	25.61	8.26	6.15	400M
Analysis.....	42.32	6.55	9.89	26.26	8.67	6.31	463M
Panther Brand Mixed Feed.....	11.70	1.70	36.50	35.00	.....	.....	720F
Analysis.....	10.30	1.79	35.25	41.72	6.30	4.64	94M
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00	.....	.....	720K
Analysis.....	20.96	4.49	5.18	52.05	10.01	7.31	457M
Cotton Bloom Brand Growing Mash.....	18.50	4.00	5.50	53.00	.....	.....	720L
Analysis.....	19.73	4.12	4.89	53.71	10.43	7.12	455M
Cotton Bloom Brand Starter and Broiler Mash.....	18.50	4.00	5.50	53.00	.....	.....	720M
Analysis.....	20.03	4.43	5.15	53.84	10.01	6.54	454M
37% Protein Linseed Meal.....	37.00	6.00	9.00	35.00	.....	.....	720O
Analysis.....	38.41	7.75	7.12	30.94	9.66	6.12	236F
Analysis.....	37.64	7.98	7.40	31.18	9.05	6.75	192M
Analysis.....	37.84	7.80	7.75	31.44	9.14	6.03	5W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁹³Unauthorized statement printed on bags. Statement blocked out and sale resumed.¹⁹⁴Deficient in pulverized oyster shell.¹⁹⁵Alfalfa meal and rice bran found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Houston Cotton Oil Mill, Houston, Texas—Continued.							
Consumers Special Egg Mash.....	19.00	4.00	7.50	46.00	.....	.....	720V
Analysis.....	21.46	4.41	7.15	47.69	9.55	9.74	456M
Houston Grain Company, Houston, Texas.							
Rice Hulls, Molasses, Rice Bran, Chopped Alfalfa, Corn Chop, and Salt.....	6.00	2.60	20.00	45.00	.....	.....	1153N
Analysis.....	6.80	1.81	18.93	46.26	12.56	13.64	128M
Excella Brand Mixed Stock Feed.....	9.00	2.50	9.50	58.00	.....	.....	1153O
Analysis.....	10.35	3.37	8.83	61.60	11.96	3.89	127M
Big "G" Brand Dry Mixed Stock Feed.....	12.50	2.50	16.00	48.00	.....	.....	1153X
Analysis.....	12.33	2.75	12.75	57.67	8.10	6.40	176M
Houston Milling Company, Houston, Texas.							
Corn Bran.....	8.00	5.00	12.00	60.00	.....	.....	1462D
Analysis.....	12.28	10.22	7.60	57.08	9.37	3.45	296M
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	1462E
Analysis.....	12.29	8.05	4.67	64.26	7.98	2.75	228H
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	1462G
Analysis ^{a196}	17.90	4.03	9.13	52.59	10.04	6.31	114W
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	1462H
Analysis.....	19.22	4.37	5.74	55.90	10.89	3.88	57H
Analysis.....	19.00	4.48	6.06	54.79	11.21	4.46	87H
Analysis.....	20.99	4.47	5.26	54.09	10.70	4.49	27M
Analysis ^{c197}	18.18	4.41	6.42	54.54	11.92	4.53	75M
Analysis.....	19.47	4.35	5.72	54.21	11.71	4.54	119T
American Maid Arrow Horse and Mule Feed.....	11.00	3.00	13.00	54.00	.....	.....	1462X
Analysis.....	11.32	3.12	11.37	56.84	10.86	6.49	95M
Steamed Rolled Oat Groats.....	16.00	6.00	1.50	65.00	.....	.....	1462D8
Analysis ^a	16.10	4.92	1.81	63.69	11.33	2.15	413M
American Maid Arrow Range Cattle Fattener Cubes.....	13.50	3.20	12.00	50.00	.....	.....	1462E5
Analysis.....	15.41	3.05	8.03	54.45	10.05	9.01	335M
American Maid Arrow 16% Protein Dairy Feed.....	16.00	3.50	15.00	41.00	.....	.....	1462F8
Analysis ^b	18.28	3.06	9.36	49.14	12.46	7.70	387M
Peanut Hulls, Rice Hulls, Molasses, Screenings, Oyster Shell, and Salt.....	5.50	1.00	38.00	40.00	.....	.....	1462H1
Analysis.....	7.45	1.95	15.76	53.30	12.21	9.33	386M
American Maid Red Arrow Turkey Egg Mash Pellets.....	19.00	4.00	7.00	45.50	.....	.....	1462J5
Analysis.....	20.36	4.72	4.76	51.53	9.67	8.96	188W
Arrow Chick All-Mash with Man- ganease Sulphate.....	19.00	5.00	5.50	53.00	.....	.....	1462J9
Analysis ^{c198}	18.71	5.58	6.16	51.74	10.13	7.68	96M
Arrow Chick All-Mash.....	19.00	5.00	5.50	53.00	.....	.....	1462J9
Analysis.....	20.45	5.30	4.97	51.82	9.89	7.57	412W
Arrow Egg Mash with Manganese Sulphate.....	20.00	5.00	6.50	50.00	.....	.....	1462K2
Analysis ^e	19.85	4.31	5.78	53.02	9.71	7.33	233H
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1462L4
Analysis.....	42.58	6.01	11.31	26.12	8.06	5.92	217M
American Maid Red Arrow 24% Pro- tein Dairy Cubes.....	24.00	3.60	14.50	36.00	.....	.....	1462L5
Analysis.....	25.06	4.12	11.30	42.58	9.62	7.32	336M
Big 5 Egg Mash.....	18.50	3.80	7.00	47.00	.....	.....	1462L6
Analysis ^e	20.83	3.90	5.83	52.37	8.83	8.24	46M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁹⁶Damaged by heating. Short in weight. Reground and even-weighted to 100 lbs. net.¹⁹⁷Wheat brown shorts.¹⁹⁸41% protein soybean oil meal claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Houston Packing Company, Houston, Texas.							
40% Protein Feeding Tankage with Bone.....	40.00	5.00	7.00	0.00	.....	.....	1765B
Analysis.....	45.72	10.54	2.26	3.90	5.77	31.81	363M
Houston's 60% Protein Meat Meal Digester Tankage.....	60.00	6.00	4.00	2.00	.....	.....	1765D
Analysis.....	60.15	5.95	1.77	2.11	7.82	22.20	362M
Houston's 50% Protein Meat and Bone Scraps.....	50.00	5.00	4.50	0.00	.....	.....	1765F
Analysis ^b	47.70	11.51	2.59	4.29	6.10	27.81	235F
Analysis.....	51.00	11.27	2.42	3.00	5.67	26.64	170H
Analysis.....	50.36	11.14	1.72	2.50	5.94	28.34	32M
Analysis.....	49.65	12.07	1.37	3.09	6.25	27.57	64M
Hou-Tex Grain Company, Houston, Texas.							
Hou-Tex Dry Mix.....	15.00	4.00	15.00	45.00	.....	.....	1989B
Analysis.....	17.77	6.90	12.47	45.08	8.95	8.83	370M
Cream-of-the-Crop Brand 19% Protein Dairy Ration.....	19.00	4.50	18.00	37.00	.....	.....	1989G
Analysis.....	19.40	5.40	14.97	41.27	8.62	10.34	12M
Analysis.....	19.70	5.99	14.24	41.92	8.75	9.40	66M
Hou-Tex "Big Valu" Brand Laying Mash with Charcoal.....	18.00	3.50	6.50	47.00	.....	.....	1989H
Analysis ^c	21.16	4.36	6.80	48.61	7.19	11.88	11M
Hou-Tex Dry and Freshening Feed.....	11.00	2.40	16.00	47.00	.....	.....	1989M
Analysis.....	12.35	3.50	14.37	51.91	9.69	8.18	67M
Big-Valu Brand 18% Protein Dairy Ration.....	18.00	3.50	20.00	38.00	.....	.....	1989O
Analysis.....	18.21	4.30	8.15	38.62	13.45	7.27	190M
Analysis.....	18.70	3.53	16.91	41.26	11.13	8.47	246M
Hughhins Feed & Seed Store, B. A., Bryan, Texas.							
Corn Chop.....	9.00	3.50	3.00	70.00	.....	.....	1219A
Analysis ^d	10.00	4.40	1.79	72.10	10.49	1.22	440M
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1219B
Analysis ^d	8.73	3.19	9.44	65.74	11.39	1.51	441M
Hughes, Jack, Ysleta, Texas.							
Jack Hughes' Brand Laying Mash with Charcoal.....	18.50	3.70	8.00	49.00	.....	.....	1409A
Analysis ^e	18.84	4.36	5.44	51.59	8.61	11.16	173S
Jack Hughes' Dairy Feed.....	15.50	3.00	8.00	53.00	.....	.....	1409B
Analysis.....	17.53	4.97	9.11	53.57	7.26	7.56	94S
Hughes Feed & Produce Co., R. H., Mineral Wells, Texas.							
Three H Egg Mash.....	18.50	4.00	7.50	48.00	.....	.....	318G
Analysis.....	20.95	4.83	6.55	49.51	9.23	8.93	428T
Hugo Milling Company, Hugo, Oklahoma.							
Hugo Pride Scratch Feed.....	10.40	3.00	3.50	69.00	.....	.....	1937H
Analysis ¹⁹⁹	11.85	3.02	2.28	70.30	10.78	1.77	365F
Humphreys-Godwin Company, Memphis, Tennessee.							
Bull Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1922A
Analysis.....	43.89	6.90	8.23	28.31	5.87	6.80	104K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

¹⁹⁹Barley and oats found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hunter Milling Company, The, Wellington, Kansas.							
Wheat Gray Shorts.....	16.00	4.00	6.00	55.00			543D
Analysis ²⁰⁰	19.43	5.00	6.33	54.90	9.95	4.39	8F
Analysis.....	20.69	3.79	5.18	54.00	12.65	3.69	215F
Analysis.....	18.93	4.59	5.41	54.67	12.30	4.10	442F
Analysis.....	18.05	4.38	5.25	56.80	11.37	4.15	194M
Analysis.....	19.10	4.53	5.78	60.27	6.37	3.95	207T
Analysis.....	19.05	3.95	5.09	58.46	9.88	3.57	321T
Hutto Feed Store, Hutto, Texas.							
Hen Scratch Grains.....	10.20	3.00	3.00	70.00			1742B
Analysis.....	12.16	3.02	2.12	73.44	7.67	1.59	30W
Iley and Sons Hatchery, Gonzales, Texas.							
Iley's Best Laying Mash.....	19.00	3.60	7.00	48.00			56B
Analysis.....	20.93	5.86	5.40	50.00	9.08	8.73	326H
International Milling Company, Greenville, Texas.							
Blackhawk Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00			101B
Analysis.....	17.43	4.28	5.55	59.24	9.75	3.75	41M
Target Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00			101B
Analysis ²⁰¹	16.20	4.57	5.50	58.07	11.98	3.68	148F
Analysis.....	18.60	3.80	3.52	59.68	11.00	3.40	387F
Analysis ²⁰²	16.00	4.73	6.44	57.60	11.46	3.77	120M
Analysis ²⁰¹	16.78	4.45	5.77	57.51	11.62	3.87	141M
Analysis ²⁰¹	17.54	4.86	6.06	56.25	11.03	4.26	220M
Analysis.....	16.90	4.40	6.18	58.08	10.60	3.84	363W
Blackhawk Wheat Bran and Screenings.....	15.00	3.50	10.00	50.00			101D
Analysis ²⁰³	19.41	4.41	8.70	50.74	10.24	6.50	11W
Target Wheat Bran and Screenings.....	15.00	3.50	10.00	50.00			101D
Analysis.....	17.71	4.54	10.31	51.68	9.13	6.63	260K
Wheat Gray Shorts, Corn Feed Meal, and Screenings.....	16.00	3.50	6.00	55.00			101G
Analysis.....	18.28	4.31	5.34	57.68	10.99	3.40	317F
Analysis.....	18.73	4.51	4.90	55.94	11.57	4.35	363F
Analysis.....	17.56	4.35	6.03	56.06	12.00	4.00	235T
Analysis.....	18.12	4.73	5.77	57.00	10.53	3.85	315T
Analysis.....	17.06	4.32	5.49	57.95	11.52	3.66	233W
Target Egg Mash.....	19.00	4.00	8.00	48.00			101I
Analysis.....	18.69	4.53	6.76	53.87	9.71	6.44	97F
Analysis.....	18.80	4.46	7.18	52.76	10.35	6.45	208F
Analysis ²⁰⁴	19.34	4.57	5.21	55.00	8.72	7.16	431K
Analysis.....	18.76	5.02	6.68	52.40	10.01	7.13	528W
Target All-Mash Starter with Butter-milk and Cod Liver Oil.....	17.00	4.00	5.00	52.00			101J
Analysis ²⁰⁵	17.30	5.16	5.64	55.84	10.20	5.86	206F
Target 24% Protein Dairy Feed.....	24.00	3.70	11.50	41.00			101M
Analysis.....	24.68	3.95	10.03	44.11	9.76	7.47	96F
Corn Feed Meal.....	8.00	3.00	3.00	67.00			101R
Analysis ²⁰⁶	10.50	3.96	2.75	69.91	11.25	1.63	235M
Analysis.....	10.48	5.02	3.48	67.78	11.16	2.08	331M
Analysis.....	9.02	4.45	1.78	71.88	11.43	1.44	216T

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

²⁰⁰Wheat brown shorts.²⁰¹Yellow corn feed meal present.²⁰²Wheat brown shorts, corn feed meal, and screenings.²⁰³Short in weight. Rancid. Re-worked and used in mixed feed.²⁰⁴In pellet form.²⁰⁵Excess of pulverized oyster shell found and deficient in salt.²⁰⁶Wheat gray shorts and screenings present.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
International Milling Company, Greenville, Texas—Continued.							
Target Egg Mash Pellets.....	19.00	4.00	8.00	48.00	.....	.....	101V
Analysis ^{d a}	18.18	5.00	7.23	53.22	9.12	7.25	149F
Target Growing Mash with Buttermilk.....	17.00	3.50	6.00	52.00	.....	.....	101W
Analysis.....	18.87	4.60	6.12	52.11	10.37	7.93	207F
Corn Feed Meal and Corn Screenings.....	10.00	4.00	6.00	60.00	.....	.....	101X
Analysis.....	11.73	4.33	5.87	63.05	11.53	3.49	449T
Interstate By-Products & Supply Company, Fort Worth, Texas.							
Interstate 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	768A
Analysis.....	51.94	7.28	4.19	.11	5.01	31.47	74K
Analysis ²⁰⁷	51.50	6.96	2.50	.10	5.37	33.57	372K
Analysis ²⁰⁸	49.50	9.39	4.21	.09	4.71	32.10	1T
Analysis.....	50.10	8.24	4.74	.02	4.00	32.90	40T
Analysis.....	50.25	6.09	3.40	.18	6.96	33.12	261T
Analysis.....	51.24	6.97	3.15	.27	6.27	32.10	273W
Interstate Feed Company, Fort Worth, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1109A
Analysis ^{f b209}	44.75	5.77	8.61	28.52	5.41	6.94	115K
Analysis ^f	43.03	6.04	9.81	28.19	6.20	6.73	116K
Iowa Milling Company, Cedar Rapids, Iowa.							
Hygrade Brand 41% Protein Expeller Process Soybean Oil Meal.....	41.00	4.50	7.00	28.00	.....	.....	2310A
Analysis ^a	44.00	5.10	5.32	28.18	10.15	7.25	377T
Ivey, Ellis, Fort Worth, Texas.							
Bailey's Better Brand Egg Mash.....	20.00	3.50	5.50	48.00	.....	.....	264C
Analysis.....	23.69	3.60	3.20	50.08	9.60	9.83	250T
Jackson Bros., Lubbock, Texas.							
West Texas Egg-Maker Brand Mash.....	19.50	3.80	7.00	45.00	.....	.....	1364K
Analysis ²¹⁰	21.15	5.84	5.69	48.30	8.28	10.74	335K
Jackson Company, F. G., Harlingen, Texas.							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	2206C
Analysis ^a	17.51	4.67	9.16	54.91	8.48	5.27	19H
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	2206F
Analysis.....	17.24	5.41	5.67	56.92	11.12	3.64	180H
Jackson's 5 Laying Mash with Charcoal.....	20.00	3.50	7.50	45.00	.....	.....	2206M
Analysis ^e	20.48	5.68	6.09	47.64	8.96	11.15	179H
Jackson's 5 Laying Mash.....	20.00	3.50	7.50	45.00	.....	.....	2206M
Analysis.....	20.44	6.13	6.38	48.04	9.95	9.06	462H
Jackson's Mixed Feed.....	20.00	3.70	18.00	38.00	.....	.....	2206Q
Analysis.....	22.47	4.17	14.30	42.10	10.04	6.92	461H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁰⁷Approx. 20% of cottonseed meal present.²⁰⁸Carbonate of lime present.²⁰⁹Cottonseed cake.²¹⁰Excess of ground oyster shell found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Jackson County Cotton Oil Company, Ganado, Texas.							
Jaco 30% Protein Ground Whole-Pressed Cottonseed.....	30.00	5.00	23.00	29.00	.....	.....	2330C
Analysis.....	30.64	6.53	22.27	30.10	5.77	4.69	30M
Jaco All-Purpose Sweet Feed.....	25.00	4.60	20.00	35.00	.....	.....	2330E
Analysis ²¹¹	27.67	8.63	18.97	34.65	4.82	5.26	28M
Jaco All-Purpose Sweet Feed Pellets.....	25.00	4.60	20.00	35.00	.....	.....	2330H
Analysis ²¹¹	25.70	5.22	18.55	32.15	13.08	5.30	324M
Jaco Half-and-Half Sweet Feed.....	17.00	3.60	14.00	47.00	.....	.....	2330J
Analysis.....	18.14	4.11	15.52	46.27	9.44	6.52	101M
Jaco Two-to-One Sweet Feed.....	20.00	4.00	15.00	42.00	.....	.....	2330K
Analysis ²¹²	22.59	5.92	17.97	40.73	7.57	5.22	100M
Janke Feed Company, John, Davilla, Texas.							
Quality Brand Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	1066A
Analysis.....	22.61	5.68	6.50	46.16	8.79	10.26	493W
Jayton Cotton Oil Mill, Jayton, Texas.							
Chuck Wagon Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	2255A
Analysis ²¹³	40.91	6.92	11.71	28.18	7.15	5.13	249K
Chuck Wagon Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	2255B
Analysis ²¹³	42.24	7.13	9.83	27.75	7.73	5.32	252K
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	2255C
Analysis ²¹³	42.25	8.08	10.68	25.91	7.50	5.58	147K
Analysis.....	42.72	7.24	10.52	25.65	8.47	5.40	331K
Jefferson Packing Company, Beaumont, Texas.							
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	2557A
Analysis ²¹⁴	51.71	10.27	1.74	.02	8.01	28.25	165M
Analysis ²¹⁵	51.69	10.13	1.84	.24	8.54	27.56	280M
Jenkins, J. G., Bluff Dale, Texas.							
Silver Lining Brand Egg Mash.....	18.00	3.60	6.20	44.50	.....	.....	1221B
Analysis.....	18.95	4.66	7.76	50.48	10.09	8.06	440T
Jim & Sid Feed Store, Stephenville, Texas.							
Jim & Sid Cow Feed.....	18.00	4.00	13.00	47.50	.....	.....	2669A
Analysis.....	18.08	4.52	12.23	47.18	8.83	9.16	85T
Johnson Feed Store, Irving, Texas.							
Johnson's Dairy Feed.....	19.00	3.30	13.80	43.50	.....	.....	608I
Analysis.....	20.12	4.66	11.73	48.84	7.73	6.92	28T
Johnson's Laying Mash with Charcoal.....	18.50	3.50	8.00	44.50	.....	.....	608J
Analysis ²¹³	20.01	5.59	8.46	48.48	7.20	10.26	27T
Johnson Feed & Flour Company, Breckenridge, Texas.							
Chowmix All-Mash Growing Ration.....	15.00	3.50	4.50	50.00	.....	.....	577J
Analysis.....	20.66	4.00	4.08	56.36	9.65	5.25	429T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²¹¹Deficient in ground oyster shell.²¹²Deficient in ground oyster shell and salt.²¹³Blended with high-protein meal.²¹⁴Excess of salt found.²¹⁵Animal hair and stomach contents found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Jones, Gus, Jacksboro, Texas.							
G. J. Dairy Feed.....	18.00	3.20	15.50	45.50	.....	.....	2364K
Analysis.....	18.70	3.86	13.41	43.78	8.70	11.55	99F
Egg-Maker Brand Laying Mash.....	18.00	3.50	8.00	50.00	.....	.....	2364O
Analysis.....	18.60	4.23	5.35	55.37	10.65	5.80	174T
Jones Feed Store, Waco, Texas.							
Jones' Dairy Feed.....	16.50	3.50	12.00	50.00	.....	.....	462A
Analysis.....	16.30	3.56	11.55	51.94	8.90	7.75	97W
Jones' Egg Mash.....	18.00	3.80	7.80	46.00	.....	.....	462B
Analysis ²¹⁶	20.39	4.98	7.13	47.27	9.61	10.62	505W
Jones' Chick Starter.....	17.50	3.60	5.00	52.00	.....	.....	462E
Analysis.....	19.78	6.49	3.80	52.50	9.48	7.95	341W
Jones Grain Company, R. M., San Angelo, Texas.							
Jones' Special Dairy Feed.....	18.00	4.00	12.00	42.50	.....	.....	1064A
Analysis.....	20.35	4.69	8.02	49.22	9.30	8.42	409S
Jones' Special Egg Mash with Charcoal and Minerals.....	18.00	3.50	7.50	48.00	.....	.....	1064B
Analysis ^e	19.93	4.27	7.26	51.15	9.75	7.64	213S
Jones-Myers Feed Company, Beaumont, Texas.							
Bojak Brand Scratch Grains.....	10.20	3.00	3.00	70.00	.....	.....	1355A
Analysis.....	10.30	3.04	2.05	70.83	12.33	1.45	342M
Bojak 18% Protein Dairy Feed.....	18.00	4.00	12.00	45.00	.....	.....	1355B
Analysis.....	20.68	5.02	9.89	48.46	10.37	5.58	170M
Joplin-Sain, Texarkana, Arkansas-Texas.							
Rice Bran.....	11.00	10.00	15.00	42.00	.....	.....	1659A
Analysis ^{d a}	13.20	15.73	9.74	38.40	9.74	13.19	140F
Josey-Miller Company, Inc., Beaumont, Texas.							
Peanut Hulls and Molasses.....	6.00	0.90	36.80	38.00	.....	.....	407D
Analysis.....	6.20	.76	37.68	36.00	10.14	9.22	93M
Rice Hulls, Peanut Hulls, Molasses, Rice Bran, Oat Hulls, Corn Chop, Limestone, and Salt.....	5.00	1.80	29.00	39.00	.....	.....	407I
Analysis.....	6.31	1.48	19.58	44.80	12.28	15.55	37M
Analysis.....	6.65	2.03	22.09	42.82	11.75	14.66	383M
Analysis ²¹⁷	7.79	1.72	20.70	44.65	12.38	12.76	439M
Hi-Flo Brand Dairy Feed.....	24.00	4.50	10.50	41.00	.....	.....	407M
Analysis ²¹⁸	27.70	7.01	9.17	41.18	7.01	7.93	40M
Analysis ²¹⁹	24.80	6.82	8.41	42.01	9.50	8.46	382M
Analysis ²¹⁸	26.79	6.69	10.32	38.36	9.46	8.38	230W
Jo-Mil Poultry Flock Ration.....	15.00	3.50	7.00	50.00	.....	.....	407N
Analysis.....	17.78	4.97	4.88	53.93	10.06	8.38	426M
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	407V
Analysis ^e	40.74	7.09	11.16	27.51	6.81	6.69	284M
Analysis ^e	39.09	6.60	11.59	29.67	6.92	6.13	337M
Big Jo Dairy Feed.....	18.00	3.50	14.00	43.00	.....	.....	407Y
Analysis.....	20.49	7.92	12.04	42.64	6.96	9.95	53M
Analysis.....	19.22	7.69	10.74	41.96	9.49	10.90	80M
Analysis.....	18.60	7.87	11.46	44.00	8.52	9.55	361W

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.²¹⁶34% protein linseed meal claimed, not found.²¹⁷Kafir chop found and deficient in ground limestone.²¹⁸Peanut meal found, not claimed. 41% protein soybean oil meal, 34% protein linseed meal, and steamed bone meal claimed, not found.²¹⁹41% protein soybean oil meal, 34% protein linseed meal, and steamed bone meal claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Josey-Miller Company, Inc., Beaumont, Texas—Continued.							
Jo-Mil 5 Point Laying Mash.....	20.00	3.50	7.40	44.50	.....	.....	407A5
Analysis ²²⁰	19.47	7.10	6.44	47.49	7.84	11.66	24F
Analysis.....	18.60	6.40	5.92	49.80	10.87	8.41	233F
Analysis ²²¹	19.68	7.67	6.42	45.52	8.25	12.46	110M
Analysis ²²²	17.58	7.19	6.32	46.40	8.91	13.60	356W
Jo-Mil Horse and Mule Feed.....	9.00	3.00	9.00	60.00	.....	.....	407B1
Analysis.....	9.98	3.29	8.03	60.55	10.70	7.45	260M
Egg Mash.....	19.00	3.50	7.50	50.00	.....	.....	407B3
Analysis.....	17.33	5.68	4.80	53.75	9.33	9.11	193M
Rice Bran.....	11.00	10.00	15.00	42.00	.....	.....	407B7
Analysis ^a	12.90	14.15	12.73	41.33	7.90	10.99	216M
Big Bag Brand Feed.....	10.00	4.00	14.00	52.00	.....	.....	407D2
Analysis ²²³	13.53	5.45	10.14	47.17	9.93	13.78	78M
Ideal Brand Broiler Mash Pellets.....	18.00	4.00	6.50	48.00	.....	.....	407E9
Analysis.....	21.55	4.68	4.67	51.66	10.47	6.97	261M
B. P. S. Mixed Feed.....	12.00	7.00	10.50	47.00	.....	.....	407F2
Analysis.....	13.74	11.32	8.85	47.36	6.50	12.23	39M
Analysis.....	13.63	12.60	12.19	41.04	8.54	12.00	384M
Analysis.....	13.17	13.34	8.76	40.76	8.41	15.56	434M
Perfexun Brand All-Mash.....	15.00	3.50	8.00	49.00	.....	.....	407F5
Analysis.....	17.11	7.66	5.28	48.01	10.35	11.59	375F
Analysis.....	20.50	6.64	6.40	46.15	8.80	11.51	248M
Fatner Brand Steam Dried Mixed Feed with Molasses.....	9.00	3.50	11.00	53.00	.....	.....	407F6
Analysis ²²⁴	11.05	4.20	8.60	55.20	11.83	9.12	381M
Jo-Mil Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	407F7
Analysis ²²⁵	10.90	5.69	4.21	67.27	8.38	3.55	79M
Jo-Mil 18% Protein Dairy Feed.....	18.00	4.50	12.70	40.00	.....	.....	407F9
Analysis.....	20.85	5.78	10.77	44.97	8.67	8.96	23F
Analysis.....	22.30	5.67	11.41	43.94	9.15	7.53	167M
Ideal Brand Turkey Breeder-Laying Mash with Manganese Sulphate.....	20.00	4.50	6.50	45.00	.....	.....	407G8
Analysis ^{a e}	22.23	5.73	5.98	45.46	10.20	10.40	252H
Jo-Mil 30% Protein Supplement for Hogs.....	30.00	4.50	10.50	29.00	.....	.....	407G9
Analysis.....	30.20	6.80	8.98	32.33	9.48	12.21	262M
Ideal Brand Turkey Breeder-Laying Mash Pellets with Manganese Sul- phate.....	20.00	4.50	6.50	45.00	.....	.....	407H1
Analysis ^{a e}	22.04	6.00	5.80	45.43	10.52	10.21	253H
Jo-Mil 5 Point Laying Mash Pellets.....	20.00	3.50	7.40	44.50	.....	.....	407H5
Analysis ^{a226}	20.30	7.31	6.43	46.54	9.50	9.92	337F
Analysis ^{a227}	18.66	5.88	5.76	50.60	9.19	9.91	461F
Juarez Mercantile Company, El Paso, Texas.							
Oat Shorts and Oat Screenings.....	13.00	8.00	4.00	60.00	.....	.....	1501M
Analysis.....	14.32	11.26	1.22	64.09	7.46	1.65	329S
Judd Grain Company, Vernon, Texas.							
Vernon Dairy Feed.....	20.00	3.70	10.00	47.00	.....	.....	2079F
Analysis ²²⁸	21.75	4.63	8.46	49.84	9.50	5.82	415K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

220Rice bran and milo meal found, not claimed. Excess of ground limestone found and deficient in salt.

221Excess of ground limestone found.

222Rice bran found, not claimed.

223Cottonseed meal and brewers' dried grains found, not claimed.

224Deficient in ground limestone.

225Carbonate of lime present.

226Rice bran and fish meal found, not claimed.

227Rice bran found, not claimed. Excess of ground limestone found and deficient in salt.

228Excess of salt found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Judd Grain Company, Vernon, Texas—Continued.							
Vernon Laying Mash.....	18.50	3.70	6.70	51.00	.....	.....	2079G
Analysis.....	21.98	4.91	5.23	50.27	9.29	8.32	244K
Justin Feed Mill, Justin, Texas.							
Justina Growing Mash.....	17.20	3.50	8.30	50.60	.....	.....	58B
Analysis.....	18.65	4.50	7.07	53.55	9.50	6.73	464T
Justina Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	58C
Analysis ²²⁹	21.51	5.16	5.99	45.66	9.68	12.00	463T
Kansas Flour Mills Corporation, The, Kansas City, Missouri.							
Wheat Gray Shorts and Screenings...	15.00	3.50	6.00	57.00	.....	.....	1684A
Analysis ²³⁰	18.96	4.53	6.33	54.85	11.10	4.23	93F
Kansas Milling Company, The, Wichita, Kansas.							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	2072B
Analysis ^a	18.55	4.54	9.08	53.28	8.89	5.66	546W
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	2072C
Analysis ²³¹	18.51	4.51	6.37	55.32	11.05	4.24	482F
Analysis ²³¹	18.34	4.06	6.28	58.54	8.05	4.73	33K
Analysis.....	18.56	4.65	5.71	56.90	9.75	4.43	446K
Analysis ^a	20.50	4.57	6.07	53.93	10.63	4.30	496K
Analysis ^b ²³¹	18.47	4.74	6.50	54.34	11.63	4.32	67T
Karbach Flax Mill, Corpus Christi, Texas.							
28% Protein Whole-Pressed Cottonseed Flakes.....	28.00	6.00	23.00	29.00	.....	.....	438C
Analysis ²³²	26.80	6.93	27.06	30.76	4.13	4.32	5H
Analysis.....	27.47	6.85	26.84	28.87	5.51	4.46	25H
Kay and Wood, Stephenville, Texas.							
K & W Special Laying Mash with Charcoal and Minerals.....	20.00	3.80	7.00	47.00	.....	.....	2029H
Analysis ^a	21.04	5.25	6.30	49.71	8.51	9.19	84T
K & W Special Starting Mash with Charcoal and Minerals.....	17.00	3.50	6.00	51.00	.....	.....	2029J
Analysis ^a	18.98	5.24	5.83	53.51	8.59	7.85	320T
K. B. R. Milling Company, McPherson, Kansas.							
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	2346B
Analysis ²³³	19.13	4.60	5.90	55.06	11.24	4.07	202K
Analysis ²³³	18.64	4.48	6.06	56.50	10.22	4.10	220K
Kearns Grain & Seed Company, Amarillo, Texas.							
Kearns Big K 18% Protein Dairy Feed.....	18.00	3.00	12.00	46.00	.....	.....	1036K
Analysis.....	18.98	3.40	8.26	51.66	9.59	8.11	221K
Kearns Big K Growing Mash.....	16.50	3.60	7.50	52.00	.....	.....	1036O
Analysis.....	18.21	4.34	7.27	53.81	9.28	7.09	466K
Kearns Big K Chick Starter.....	17.50	4.00	6.00	50.50	.....	.....	1036R
Analysis.....	18.40	4.31	5.74	54.98	8.65	7.92	443K

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

²²⁹Excess of ground oyster shell found.²³⁰Wheat brown shorts and screenings.²³¹Wheat brown shorts and screenings.²³²Used in feeding stock of manufacturer.²³³Blank Texas tags attached.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kearns Grain & Seed Company, Amarillo, Texas—Continued.							
Jumbo Cow Feed.....	10.00	2.00	10.00	54.00	.....	.....	1036S
Analysis ²³⁴	13.08	1.88	13.02	52.32	8.08	11.62	121K
Keith, O. W., Port Arthur, Texas.							
Keith Brand Dairy Feed.....	18.00	3.50	12.00	47.00	.....	.....	1545A
Analysis.....	17.45	3.56	11.93	49.70	10.72	6.64	329M
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1545B
Analysis.....	7.91	3.56	9.60	64.85	12.49	1.59	328M
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	1545C
Analysis ²³⁵	17.82	2.01	15.94	38.09	11.67	14.47	428M
Poultry Scratch Feed.....	10.00	2.50	3.50	69.00	.....	.....	1545D
Analysis.....	11.43	2.71	2.43	70.21	11.50	1.72	429M
Laying Mash.....	20.00	3.50	6.50	45.50	.....	.....	1545E
Analysis.....	22.09	6.64	6.49	46.59	9.60	8.58	430M
Kelco Company, Los Angeles, California.							
Ground Dried Kelp.....	3.00	0.10	10.00	30.00	.....	.....	1946A
Analysis.....	7.88	.11	6.82	39.43	10.77	34.99	373H
Analysis.....	6.85	.54	6.53	42.47	7.55	36.06	69M
Kellogg & Sons, Inc., Spencer, Buffalo, New York, and Branches							
Kellogg's 41% Protein Old Process Soybean Oil Meal.....	41.00	4.00	7.00	29.00	.....	.....	823A
Analysis.....	44.44	4.38	5.75	27.13	12.20	6.10	338M
Analysis ^a	45.29	4.80	6.17	29.26	8.75	5.73	356T
Kemplin, John M., Gainesville, Texas.							
Hi-Lo Dairy Feed.....	18.00	3.70	13.50	47.00	.....	.....	635G
Analysis.....	20.05	4.40	11.65	47.67	9.35	6.88	397T
Kenedy Cotton Oil Mill, Kenedy, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1002C
Analysis ^{a236}	40.25	5.55	14.08	28.41	6.35	5.36	3H
Analysis ^c	41.85	6.02	12.38	27.47	6.95	5.33	79H
Analysis.....	42.90	5.69	12.07	27.53	6.65	5.16	97H
Analysis ^e	42.44	5.63	12.10	27.15	7.05	5.63	162H
Analysis.....	44.33	5.73	10.34	26.45	7.60	5.55	194H
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1002D
Analysis.....	44.71	5.62	11.18	25.71	7.40	5.38	193H
Kenedy Mill and Ginning Company, Kenedy, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	173A
Analysis.....	7.38	3.15	10.85	67.58	9.31	1.73	167H
Kimbell-Diamond Milling Company, Sherman, Texas, and Branches.							
Liberty Dairy Feed.....	18.00	3.20	13.00	45.50	.....	.....	2328A
Analysis.....	21.49	3.23	9.96	47.85	8.63	8.84	98F
Analysis.....	19.76	3.30	9.34	49.27	12.05	6.28	277M
Analysis.....	19.44	3.85	11.59	48.07	7.85	9.20	13T
Analysis.....	22.66	4.09	11.00	44.26	10.07	7.92	381W
Wheat Bran and Screenings.....	16.00	3.50	10.00	53.00	.....	.....	2328B
Analysis.....	17.68	3.85	9.04	52.83	10.62	5.98	486K
KB Gray Feed.....	14.30	3.20	7.00	57.00	.....	.....	2328G
Analysis.....	16.91	4.21	6.70	57.30	10.28	4.60	224F

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.²³⁴Alfalfa meal found, not claimed.²³⁵Alfalfa leaf meal.²³⁶Excess cottonseed hulls present. Blended with high-protein meal.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kimbell-Diamond Milling Company, Sherman, Texas, and Branches—Continued.							
Whole Oat Chop.....	11.00	4.00	12.00	58.00	.....	.....	2328L
Analysis ²³⁷	12.05	4.34	7.83	63.83	8.49	3.46	31F
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2328P
Analysis ^a	8.46	2.74	10.89	65.45	10.58	1.88	436T
KB Dairy Feed.....	22.00	4.00	11.50	43.50	.....	.....	2328Q
Analysis.....	22.60	4.01	10.19	47.35	8.00	7.85	54S
KB Horse and Mule Feed.....	10.20	3.30	11.50	57.00	.....	.....	2328R
Analysis ^a	11.79	4.00	7.82	59.79	12.10	4.50	264F
KB Horse and Mule Feed.....	10.00	2.80	12.50	53.50	.....	.....	2328R
Analysis.....	11.87	4.12	9.23	58.87	11.40	4.51	517W
Alfa-Lass Mixed Feed.....	10.50	0.80	23.60	44.00	.....	.....	2328T
Analysis ^j	9.70	.55	23.63	45.28	13.49	7.35	278T
Thrifty Brand Sweet Feed.....	9.00	2.20	15.00	53.00	.....	.....	2328U
Analysis ^a	9.76	1.17	11.70	57.72	12.83	6.82	304F
Analysis.....	11.39	.67	12.76	53.31	13.47	8.40	348F
Analysis.....	9.20	.98	12.36	57.68	10.55	9.23	491K
Analysis.....	9.32	1.16	14.08	54.03	13.24	8.17	455S
Analysis.....	8.88	1.06	10.07	58.91	12.72	8.36	431T
Analysis.....	10.47	1.18	13.22	55.32	10.93	8.88	140W
KB Egg Mash with Buttermilk and Cod Liver Oil.....	20.00	3.70	6.50	47.00	.....	.....	2328X
Analysis.....	21.75	4.56	4.91	49.64	10.35	8.79	371W
KB Growing Mash with Buttermilk.....	17.00	3.50	6.00	52.00	.....	.....	2328Y
Analysis.....	19.54	4.62	4.57	53.53	9.63	8.11	492W
KB 30% Protein Supplement for Pigs and Hogs.....	30.00	3.50	7.00	34.00	.....	.....	2328A4
Analysis ²³⁸	27.33	4.23	7.67	42.00	6.23	12.54	130F
Analysis ^a	27.38	4.05	7.50	36.90	11.35	12.82	226F
Analysis.....	29.20	3.81	7.47	37.77	10.30	11.45	293F
Analysis.....	30.32	3.95	7.42	36.57	9.85	11.89	395F
Analysis.....	30.72	3.92	6.75	35.94	9.84	12.83	429W
Thrifty Brand Cattle Cubes.....	16.00	3.00	7.00	54.50	.....	.....	2328A9
Analysis.....	17.89	3.29	6.38	55.91	10.53	6.00	254T
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....	2328B1
Analysis.....	18.85	4.77	5.95	55.54	10.74	4.15	116F
Analysis.....	20.14	4.88	6.10	56.56	8.09	4.23	128F
Analysis.....	18.59	4.71	5.45	54.94	12.62	3.69	173F
Analysis.....	19.11	4.59	5.50	54.27	12.70	3.83	316F
Analysis ²³⁹	21.02	4.81	6.30	51.47	11.93	4.47	161M
Analysis.....	18.89	5.02	5.92	57.07	8.95	4.15	32T
Analysis ²³⁹	20.26	4.40	6.54	52.13	12.60	4.07	118T
Analysis.....	19.44	5.02	5.93	53.99	11.62	4.00	186T
Kimbell's 24% Protein Dairy Feed.....	24.00	3.70	11.50	41.00	.....	.....	2328B3
Analysis.....	24.62	3.47	11.19	43.19	9.69	7.84	129F
Analysis.....	25.31	4.09	9.54	42.84	11.17	7.05	303F
Analysis.....	25.22	3.84	9.66	42.85	10.44	7.99	428W
Thrifty Brand Egg Mash.....	19.00	4.00	8.00	48.00	.....	.....	2328B5
Analysis.....	18.73	4.09	6.61	57.74	5.81	7.02	127F
Analysis ²⁴⁰	19.66	4.41	8.23	51.05	8.94	7.71	77S
Analysis.....	18.68	4.49	7.18	52.11	10.04	7.50	416S
Analysis.....	19.04	4.53	7.48	52.25	9.45	7.25	284W
Thrifty Brand Sheep Cubes.....	16.00	3.00	7.00	54.50	.....	.....	2328B7
Analysis.....	17.92	3.41	5.53	57.59	10.37	5.18	349M
Analysis.....	18.60	3.58	5.89	55.79	9.17	6.97	115S
KB All-Mash Starter with Buttermilk and Cod Liver Oil.....	17.00	4.00	5.00	52.00	.....	.....	2328B8
Analysis.....	17.62	4.91	5.03	56.18	9.96	6.30	361F
Analysis.....	17.66	4.48	3.91	57.40	10.95	5.60	287S
Analysis.....	16.64	4.61	4.99	58.18	9.69	5.89	268T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²³⁷Approx. 10% of corn meal present.²³⁸Excess of ground limestone found.²³⁹Wheat brown shorts and screenings.²⁴⁰Defaced tags of wrong denomination attached.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued(The guaranties are printed in *italics* following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kimbell-Diamond Milling Company, Sherman, Texas, and Branches—Continued.							
Kimbell's 5 Egg Mash.....	19.00	3.50	7.50	46.00	.....	.....	2328C9
Analysis.....	20.73	4.42	8.29	47.34	9.75	9.47	205F
Analysis.....	19.65	3.85	7.19	51.28	9.05	8.98	353S
Analysis.....	19.72	4.30	7.51	50.61	9.60	8.26	206T
Kimbell's 5 Egg Mash Pellets.....	19.00	3.50	7.50	46.00	.....	.....	2328D5
Analysis.....	20.92	4.88	7.31	48.89	9.67	8.33	248W
KB 36% Protein Egg Mash Concentrate with Cod Liver Oil.....	36.00	5.00	5.00	23.00	.....	.....	2328H5
Analysis ²⁴¹	35.67	5.97	7.78	24.58	6.47	19.53	157W
Kimco Sheep Cubes.....	14.00	2.60	9.00	51.50	.....	.....	2328H8
Analysis.....	17.08	3.09	8.68	52.47	11.00	7.68	257S
Thrifty Brand All-Mash Starter with Buttermilk and Cod Liver Oil.....	16.50	3.70	7.00	50.00	.....	.....	2328I3
Analysis.....	20.21	4.82	4.80	54.19	9.13	6.85	352S
Kimbell Milling Company, Fort Worth, Texas.							
Kimco Horse and Mule Feed.....	9.00	2.10	14.50	53.50	.....	.....	1071A
Analysis ^a	10.23	3.43	11.96	57.28	11.47	5.63	328F
Analysis.....	9.98	2.85	13.34	56.07	11.00	6.76	521W
Kimco Egg Mash.....	19.00	4.00	8.00	48.00	.....	.....	1071E
Analysis ^j	17.84	4.15	8.53	47.54	8.95	12.99	522W
Kimco Sweet Feed.....	9.00	2.20	15.00	53.00	.....	.....	1071F
Analysis.....	8.82	1.34	12.21	55.96	12.63	9.04	452T
Kimbell Oil Mill, The, Huntsville, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	143E
Analysis ^e	42.35	6.72	10.71	27.84	6.68	5.70	38M
Analysis.....	44.25	7.21	8.93	26.02	7.41	6.18	114M
Kimbell Oil Mill, The, Sherman, Texas.							
3 M Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	348A
Analysis.....	11.71	1.90	36.61	39.34	7.35	3.09	347F
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	348C
Analysis.....	43.20	6.95	11.25	26.93	6.21	5.46	14F
Analysis ^e	41.93	6.57	10.75	28.71	6.87	5.17	116T
Analysis ^e	42.39	6.66	12.46	26.46	6.78	5.25	180T
Analysis ^{b242}	10.04	3.78	2.45	70.43	11.90	1.40	255T
Analysis.....	43.14	6.46	11.08	26.70	7.27	5.35	415T
Kimco Mixed Feed.....	16.50	2.40	33.50	34.50	.....	.....	348D
Analysis.....	15.74	2.20	30.73	40.08	8.21	3.04	249F
King Peanut Company, Inc., Abilene, Texas.							
Ground Peanut Screenings.....	14.00	6.00	21.00	41.00	.....	.....	2601A
Analysis.....	16.40	12.95	17.19	37.68	8.81	6.97	71S
Analysis.....	17.01	11.62	20.30	37.10	7.79	6.18	428S
Kiphen Brothers, Roscoe, Texas.							
Golden West Brand Growing Mash..	15.00	4.00	7.50	53.00	.....	.....	913A
Analysis.....	16.70	4.73	5.40	56.61	9.43	7.13	378S
Golden West Brand Laying Mash....	18.00	3.50	7.50	47.00	.....	.....	913B
Analysis.....	20.45	4.96	6.05	50.17	9.37	9.00	312S
Kirkpatrick Feed Mill, Reagan, Texas.							
Kirkpatrick Dairy Ration.....	17.00	2.20	18.50	46.00	.....	.....	137C
Analysis.....	16.23	3.22	17.63	45.78	10.60	6.54	423W

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.²⁴¹Peanut meal substituted for 41% protein soybean oil meal.²⁴²Corn feed meal.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Knaur Feed Milling Company, Denison, Texas.							
Nox-All Brand Egg Mash.....	18.00	3.50	8.00	44.50	.....	.....	26N
Analysis.....	20.34	4.96	7.70	47.53	10.25	9.22	276T
Nox-All Brand Chick Starter with Cod Liver Oil.....	16.00	3.50	6.00	48.50	.....	.....	26O
Analysis.....	19.41	4.88	7.23	52.41	8.36	7.71	358T
Knaur's Special Dairy Feed.....	21.00	4.00	11.00	39.00	.....	.....	26C7
Analysis ²⁴³	22.59	4.29	10.12	47.30	10.25	5.45	113T
Analysis.....	21.54	4.62	10.30	45.84	11.46	6.24	279T
Knox City Grain Elevator, Knox City, Texas.							
Dairy Feed.....	18.00	4.00	16.00	44.00	.....	.....	2114L
Analysis.....	20.00	5.27	12.79	48.36	7.89	5.69	6S
Kraft Cheese Company, Chicago, Illinois.							
Kraco Dried Cheese Whey.....	12.00	0.50	0.50	70.00	.....	.....	271A
Analysis ^{6j}	10.90	.51	.16	75.10	5.39	7.94	377K
Kraft-Phenix Cheese Corporation, Chicago, Illinois.							
Kraco Dried Whey.....	12.00	0.50	0.00	70.00	.....	.....	271A
Analysis ^k	12.20	.82	.22	71.84	6.32	8.60	15M
Analysis ^k	13.04	.91	.16	71.86	4.46	9.57	189T
Analysis ^{k e}	12.00	.95	.10	71.68	6.77	8.50	102W
Lacy Coal Company, Inc., W. D., Waco, Texas.							
Lacy's 17% Protein Dairy Ration....	17.00	2.80	20.00	40.00	.....	.....	199A
Analysis ²⁴⁴	17.80	3.01	12.03	48.84	10.36	7.96	241W
LaGrange Cotton & Oil Manufacturing Company, LaGrange, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	218E
Analysis.....	43.07	6.28	9.85	26.30	8.50	6.00	166M
Lamar Cotton Oil Company, The, Paris, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	537E
Analysis.....	42.72	6.42	11.03	27.64	6.33	5.86	83F
Analysis.....	44.33	5.93	8.35	26.96	8.44	5.99	362F
Lamkin Brothers, Brownwood, Texas.							
Giltedge Brand 16% Protein Dairy Feed.....	16.00	3.60	15.00	45.00	.....	.....	1822D
Analysis ²⁴⁶	18.54	3.95	10.44	48.60	9.40	9.07	357S
Analysis ^{d a}	18.42	4.07	12.61	48.31	9.47	7.12	232T
Giltedge Brand Egg Mash.....	19.00	4.00	8.00	49.00	.....	.....	1822S
Analysis ²⁴⁶	21.15	4.96	7.20	48.34	10.32	8.03	220S
Analysis.....	20.50	4.52	7.10	53.72	9.71	4.45	420S
Analysis.....	20.85	5.08	6.31	52.51	8.10	7.15	83W
L. & D. Feed Store, South Houston, Texas.							
Dairy Feed.....	16.00	3.00	15.00	48.00	.....	.....	1387B
Analysis.....	17.51	3.55	14.30	46.49	10.30	7.85	465M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁴³Deficient in ground oyster shell.²⁴⁴Steamed bone meal claimed, not found.²⁴⁵Deficient in ground limestone and excess of salt found.²⁴⁶Excess of ground oyster shell and deficient in salt.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Lapp Laboratories, Inc., Nevada, Iowa. Distillers' Dried Residue from Molasses.....	10.00	0.00	1.00	54.00	.....	.....	774A
Analysis.....	11.80	.00	.21	52.34	6.05	29.60	774A
Larabee Flour Mills Company, The, Kansas City, Missouri. Sunfed Winter Wheat Brown Shorts and Screenings.....	16.00	3.50	7.50	53.00	.....	.....	2600Y
Analysis ²⁴⁷	15.84	4.13	7.72	56.97	9.88	5.46	48F
Analysis ²⁴⁷	15.82	4.15	7.94	57.25	9.59	5.25	68F
Analysis ²⁴⁷	18.62	4.25	7.68	53.13	11.50	4.82	141F
Larrowe Milling Company (Trade Name), Division of General Mills, Inc., Detroit, Michigan. Dried Beet Pulp.....	7.00	0.30	22.50	48.00	.....	.....	1550A
Analysis ^a	9.38	.38	20.77	58.68	7.89	2.90	187K
Analysis.....	10.05	.46	20.66	57.71	8.00	3.12	49T
Larrowe Milling Company (Trade Name), Division of General Mills, Inc., Los Angeles, California. Dried Beet Pulp and Molasses.....	7.00	0.30	20.00	50.00	.....	.....	942A
Analysis.....	6.36	.45	13.10	64.86	8.75	6.48	297M
Lavaca Oil Company, Hallettsville, Texas. 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	328E
Analysis ^c	42.33	6.98	11.03	27.23	6.99	5.44	45M
Lawhorn Feed & Grain Company, Heidenheimer, Texas. Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1994C
Analysis ^{d,e}	8.47	2.89	10.81	66.03	10.22	1.58	500W
Lawler Feed Company, San Angelo, Texas. Lawler Dairy Feed.....	17.00	3.00	15.00	44.00	.....	.....	789D
Analysis.....	19.07	3.68	12.90	46.57	9.67	8.11	206S
Lawther Mills, W. J., Dallas, Texas. Lawther's Dairyman's Own-Mix....	19.00	3.50	10.50	45.00	.....	.....	1268A
Analysis.....	20.47	3.60	10.33	47.94	10.25	7.41	462W
Sure-Nuff Brand Cow Feed.....	21.00	3.50	12.00	45.00	.....	.....	1268G
Analysis.....	22.70	3.59	10.15	45.58	10.11	7.87	164S
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1268A3
Analysis.....	10.39	5.03	9.72	61.80	9.51	3.55	390T
Lawmi Cow Feed.....	18.00	3.00	13.00	43.00	.....	.....	1268D2
Analysis.....	22.10	3.32	12.60	42.69	10.50	8.79	422F
Sure-Nuff Brand Big 5 Laying Mash Pellets.....	20.00	3.50	8.00	44.50	.....	.....	1268D6
Analysis.....	23.22	5.41	7.49	44.89	8.92	10.07	127W
Sure-Nuff Brand Big 5 Laying Mash.....	20.00	3.50	8.00	44.50	.....	.....	1268E6
Analysis.....	24.60	3.80	7.94	43.96	9.45	10.25	423F
Analysis.....	24.30	3.83	8.06	44.86	8.70	10.25	462K
Analysis.....	23.92	4.63	7.40	45.19	9.14	9.72	362T
Screenings, Oat Hulls, and Molasses..	8.40	1.60	12.00	52.00	.....	.....	1268E9
Analysis ²⁴⁸	8.74	1.72	4.79	60.89	10.92	12.94	386T
Analysis.....	8.20	1.05	14.15	54.90	11.46	10.24	366W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

²⁴⁷Wheat mixed feed and screenings.²⁴⁸Screenings, milo head stems and molasses.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Lawther Mills, W. J., Dallas, Texas—Continued.							
Lawther's Complete Chick Ration with Charcoal and Cod Liver Oil (All-Mash).....	16.00	3.50	7.00	50.00	.....	.....	1268F7
Analysis.....	19.29	4.27	7.94	51.36	10.34	6.80	266T
Analysis ^e	19.67	4.63	6.73	52.84	9.26	6.87	364W
Farmers Big Six Sweet Feed (For Horses and Mules).....	10.00	3.00	12.00	56.00	.....	.....	1268G2
Analysis.....	9.08	1.33	9.03	60.18	11.93	8.45	355F
Lawther's 24% Protein Dairy Feed..	24.00	3.50	12.00	39.00	.....	.....	1268I5
Analysis ^e	25.32	3.18	9.88	44.24	7.58	9.80	28K
Lawther's 24% Protein Dairy Feed..	24.00	3.80	10.50	40.00	.....	.....	1268I5
Analysis.....	26.15	3.80	9.80	42.60	9.30	8.35	461W
Leger Mill Company, Altus, Oklahoma.							
Big J All-Mash with Charcoal.....	18.00	3.50	6.50	50.00	.....	.....	109G
Analysis ²⁴⁹	19.47	4.19	7.53	52.43	8.35	8.03	350T
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	109M
Analysis.....	19.08	4.46	6.08	54.17	11.61	4.60	147S
Analysis.....	19.48	4.47	5.41	54.49	12.10	4.05	169T
Leger Mill Company, Lubbock, Texas.							
Big J Brand Texas Special 24% Protein Dairy Feed.....	24.00	3.50	15.00	38.50	.....	.....	209B
Analysis ^k	24.04	4.12	13.72	42.50	8.12	7.50	265K
Big J Brand Texas Special Egg Mash.	18.00	3.50	7.50	46.00	.....	.....	209D
Analysis ^k	19.44	3.78	6.64	54.19	8.95	7.00	500K
Liberty Mills, San Antonio, Texas.							
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	1E
Analysis.....	19.42	4.09	5.58	56.08	10.98	3.85	401F
Analysis.....	18.46	4.02	5.84	55.89	11.89	3.90	151H
Analysis.....	19.60	3.71	5.00	55.49	12.14	4.06	256M
Analysis.....	18.65	4.10	6.24	55.46	11.54	4.01	200W
Doo-Lay Brand Laying Mash with Charcoal.....	19.00	3.70	8.00	46.50	.....	.....	1G
Analysis ²⁵⁰	21.39	4.33	7.10	50.95	7.97	8.26	29H
Analysis ^e	21.63	4.01	6.18	49.55	10.31	8.32	347M
Doo-Lay Brand Laying Mash.....	19.00	3.70	8.00	46.50	.....	.....	1G
Analysis.....	21.37	4.65	6.91	48.26	10.60	8.21	402F
Analysis.....	21.15	4.25	5.50	50.65	10.75	7.70	392H
Liberty Bell Sweet 16% Protein Dairy Feed.....	16.00	4.00	13.00	45.50	.....	.....	1M
Analysis.....	16.10	4.11	13.92	45.79	10.78	9.30	416H
Liberty Bell Dairy Feed.....	18.00	3.80	9.00	52.00	.....	.....	1Q
Analysis.....	18.13	4.65	7.42	56.89	8.63	4.28	81H
Analysis.....	18.30	5.55	7.71	53.20	10.47	4.77	284H
Boss Brand Sweet Feed.....	9.00	2.00	20.00	47.00	.....	.....	1U
Analysis ^{b,251}	10.77	2.03	10.47	53.84	12.24	10.65	285H
Analysis ²⁵¹	9.60	1.70	12.93	52.70	9.75	13.32	98M
Liberty Bell Chick Starter with Buttermilk and Cod Liver Oil.....	17.00	4.00	5.00	51.00	.....	.....	1W
Analysis.....	17.84	6.26	6.26	50.99	9.26	9.39	391H
Liberty Bell Growing Mash.....	16.00	4.00	4.50	57.00	.....	.....	1X
Analysis.....	17.31	4.80	3.47	57.92	10.90	5.60	363H
Boss Brand Special Egg Mash Pellets.	20.00	3.70	7.50	44.00	.....	.....	1B7
Analysis ²⁵²	18.41	5.69	8.67	48.84	8.72	9.67	346M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁴⁹Excess of ground oyster shell found. Milo meal and salt found, not claimed.²⁵⁰Some ground whole oats present.²⁵¹Ground peanut hulls claimed, not found. Excess of ground screenings found.²⁵²Excess of ground oyster shell and salt.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Liberty Mills, San Antonio, Texas—Continued.							
Doo-Lay Brand Laying Mash Pellets with Charcoal.....	19.00	3.70	8.00	46.50	.....	.....	1B8
Analysis ^a	22.27	3.95	7.28	48.37	10.08	8.05	109H
Doo-Lay Brand 34% Protein Laying Mash Concentrate.....	34.00	5.00	6.00	24.00	.....	.....	1B9
Analysis.....	37.96	4.11	6.27	29.08	8.51	14.07	283H
Analysis.....	37.30	3.80	5.92	28.99	8.73	15.26	417H
Light Grain & Milling Company, The, Liberal, Kansas.							
Wheat Gray Shorts.....	17.00	4.00	5.50	55.00	.....	.....	152A
Analysis.....	18.55	4.18	5.20	58.12	9.86	4.09	11K
Wheat Bran and Scourings.....	14.50	3.00	10.00	53.00	.....	.....	152B
Analysis ^k	19.47	4.15	9.22	53.04	7.64	6.48	105K
Red Diamond Chick Starter and Growing Mash.....	18.50	4.50	5.80	52.90	.....	.....	152K
Analysis.....	19.20	4.83	4.10	54.68	9.61	7.58	452K
Red Diamond Egg Laying Mash.....	19.00	3.50	6.50	50.00	.....	.....	152L
Analysis.....	19.88	4.66	6.08	52.82	7.00	9.56	6K
Enner-Jee Brand Egg Mash.....	18.00	3.60	6.60	49.00	.....	.....	152N
Analysis ²⁵³	17.60	4.18	6.12	56.93	8.27	6.90	112K
Analysis ^{b,f,254}	17.41	3.87	5.07	57.84	9.16	6.65	209K
Red Diamond Growing Mash with Manganese Sulphate.....	17.00	4.30	6.00	54.50	.....	.....	152P
Analysis ^{e,j}	17.80	4.45	4.77	56.06	8.35	8.57	298K
Blue Diamond Egg Laying Mash.....	18.00	3.50	6.50	50.00	.....	.....	152Q
Analysis.....	20.01	4.47	5.79	53.67	9.02	7.04	525K
Lindley Feed & Milling Company, Tulia, Texas.							
Ground Hegari Heads, Stalks, and Stems with Molasses.....	6.00	1.20	26.50	41.00	.....	.....	693D
Analysis ^e	7.62	1.21	13.18	55.40	13.27	9.32	515K
Lindner Feed and Milling Company, Comfort, Texas.							
Lindner's Four Star Brand Cow Feed.....	13.00	1.80	34.50	31.00	.....	.....	1227C
Analysis.....	14.65	2.64	28.43	32.70	11.60	9.98	412H
Lisbon Feed Company, Dallas, Texas.							
Sunbeam Brand Egg Mash.....	20.00	3.80	7.00	47.50	.....	.....	766H
Analysis.....	17.46	4.65	4.91	55.41	10.35	7.22	338T
Lochte Storage & Commission Company, Fredericksburg, Texas.							
Guffy Brand Cow Feed.....	19.00	4.00	11.00	49.00	.....	.....	2547C
Analysis.....	19.42	4.20	10.92	49.67	10.11	5.68	278H
Lochte Laying Mash.....	20.00	3.50	7.40	45.10	.....	.....	2547D
Analysis.....	20.48	5.24	6.53	47.58	8.68	11.49	102H
Lockhart Oil & Gin Company, Lockhart, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	821B
Analysis ^e	41.93	6.08	11.48	28.20	6.72	5.59	55H
Analysis.....	44.12	6.63	10.52	26.96	6.18	5.59	133H
Analysis.....	43.24	6.23	12.00	27.01	6.36	5.16	295H
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	821C
Analysis.....	45.07	5.85	11.15	25.82	6.69	5.42	195W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.²⁵³Milo meal and ground whole oats found, not claimed.²⁵⁴Soybean oil meal substituted for 34% protein linseed meal.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Logan Feed & Hatchery, Big Spring, Texas.							
Milo Head Chop.....	8.50	2.50	8.00	65.00			858A
Analysis ²⁵⁵	6.59	1.19	17.03	54.24	11.56	9.39	254S
Economy Brand Growing Mash.....	17.00	4.00	8.50	48.00			858F
Analysis.....	20.44	4.56	6.04	50.43	9.10	9.43	314S
24% Protein Dairy Feed.....	24.00	4.00	10.50	42.00			858G
Analysis.....	22.69	4.76	10.46	44.94	8.27	8.88	86S
Analysis ²⁵⁶	21.49	3.92	10.77	45.07	8.98	9.77	350S
Analysis.....	23.16	4.19	8.79	46.20	9.40	8.26	474S
Logan's All-Mash Chick Starter.....	17.50	4.00	6.70	49.50			858X
Analysis.....	18.00	4.85	5.55	54.25	9.65	7.70	235S
Special Sweet Feed.....	11.00	2.40	13.00	49.00			858Z
Analysis ²⁵⁷	7.50	1.45	12.14	58.03	10.44	10.44	473S
Big 9 Brand Laying Mash.....	20.50	3.60	6.50	44.00			858A1
Analysis ²⁵⁸	22.59	5.16	5.42	44.78	9.02	13.03	382S
Hank's Special Dairy Feed.....	16.00	3.00	9.00	50.00			858A6
Analysis.....	18.01	3.34	8.05	53.57	8.72	8.31	15S
Vernon's Best Sweet Feed.....	20.50	3.30	9.90	44.00			858A7
Analysis ²⁵⁸	19.52	3.50	7.77	48.53	11.17	9.51	163S
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00			858A9
Analysis ^{4a}	39.19	5.84	12.36	29.20	7.96	5.45	236S
Longview Cotton Oil Company, Longview, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			604F
Analysis.....	42.25	6.85	11.10	27.65	6.55	5.60	181F
Analysis.....	44.55	7.70	9.51	25.91	6.96	5.37	305F
Lubbock Coal & Grain Company, Lubbock, Texas.							
Big 14 Mixed Feed.....	14.00	2.30	24.80	40.80			682A
Analysis ²⁵⁹	15.80	2.51	21.49	47.20	5.55	7.45	433K
Lubbock Cotton Oil Company, Lubbock, Texas.							
Lucko Brand 43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00			372A
Analysis.....	43.97	5.37	11.15	27.63	6.50	5.38	205K
Lucko Brand 43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00			372B
Analysis.....	43.97	5.27	11.60	29.20	4.81	5.15	5K
Analysis.....	44.25	5.06	11.64	27.73	5.60	5.72	77K
Analysis.....	45.30	5.49	11.32	27.45	5.16	5.28	133K
Analysis.....	44.53	5.27	11.00	27.53	6.44	5.23	282K
Analysis.....	43.90	4.91	11.55	27.59	6.78	5.27	534K
Lucko Brand Mixed Feed.....	11.80	1.70	38.00	36.00			372C
Analysis.....	11.91	1.71	32.02	44.14	7.20	3.02	255K
Lucko Brand 43% Protein Cottonseed Cubes.....	43.00	5.20	12.00	25.00			372I
Analysis.....	44.55	5.06	11.21	27.57	6.22	5.39	114K
Analysis.....	42.03	5.64	11.13	27.76	8.55	4.89	178K
Analysis.....	43.04	5.69	11.00	28.36	6.76	5.15	204K
Lubbock Grain & Feed Company, Lubbock, Texas.							
Diamond-Dot Dairy Feed.....	16.00	3.20	11.00	49.00			2430D
Analysis.....	18.39	3.76	10.93	51.14	8.28	7.50	165K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁵⁵Excess of milo head stems present.²⁵⁶Excess of ground oyster shell found.²⁵⁷Excess of ground oyster shell and salt found.²⁵⁸Excess of ground oyster shell found.²⁵⁹Short in weight. Even-weighted to 100 lbs. net.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Lubbock Grain & Feed Company, Lubbock, Texas—Continued							
Diamond-Dot Laying Mash with Cod Liver Oil.....	19.00	4.00	7.00	47.00	.....	.....	24300
Analysis.....	20.84	4.39	6.13	50.13	9.03	9.48	492K
B Brand Mixed Feed.....	13.00	2.30	23.30	42.80	.....	.....	2430P
Analysis.....	13.92	2.54	22.41	46.75	6.52	7.86	81K
Diamond-Dot Growing Mash with Charcoal.....	16.50	3.50	7.00	50.00	.....	.....	2430R
Analysis ^e	18.99	4.60	5.04	53.13	9.85	8.39	354K
Lufkin Milling Company, Lufkin, Texas.							
Laying Mash.....	20.00	4.00	7.00	47.00	.....	.....	672F
Analysis.....	21.65	5.74	5.79	47.71	9.90	9.21	267M
Lyons' Feed Store, Houston, Texas.							
Lyons' Big V Dairy Feed.....	18.00	3.40	15.00	43.00	.....	.....	533D
Analysis.....	19.47	4.24	13.13	46.74	9.26	7.16	459M
Lyons' Big 6 Laying Mash.....	19.00	3.60	7.00	44.00	.....	.....	533E
Analysis.....	22.33	4.23	6.21	46.72	8.21	12.30	458M
McAdams, T. J., Celina, Texas.							
Cel-Tex Baby Chick Starter with Charcoal.....	19.00	4.00	7.00	51.00	.....	.....	1729J
Analysis ^e	21.10	5.01	5.55	51.02	11.32	6.00	296T
McConnell, C. L., Waller, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2225A
Analysis.....	8.34	3.46	9.08	65.30	12.32	1.50	247M
McCulloch County Cotton Oil Mill, Brady, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1047D
Analysis.....	43.05	7.10	10.81	27.23	6.69	5.12	273S
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1047E
Analysis.....	44.64	5.58	10.78	26.95	6.78	5.27	125S
Analysis.....	45.16	6.08	11.00	25.55	6.94	5.27	269S
Analysis.....	42.75	5.39	9.97	27.88	8.44	5.57	271S
Cotton Bloom Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	1047P
Analysis ^{b,c}	40.53	5.41	10.49	28.43	8.89	6.25	340S
Cotton Bloom Brand 18% Protein Dairy Feed.....	18.00	3.50	10.00	46.50	.....	.....	1047S
Analysis.....	21.54	3.68	9.45	47.75	10.18	7.40	484W
Cotton Bloom Brand 16% Protein Dairy Feed.....	16.00	3.50	12.00	46.50	.....	.....	1047U
Analysis ^l	17.89	3.63	10.57	47.00	10.25	10.66	457S
Cotton Bloom Brand Laying Mash Pellets.....	21.00	4.00	7.00	44.00	.....	.....	1047A6
Analysis.....	21.97	4.95	6.31	48.42	8.25	10.10	458S
Analysis.....	21.60	5.11	5.75	48.54	9.31	9.69	402W
Cotton Bloom Brand Turkey Laying Mash Pellets.....	24.00	4.50	7.50	43.00	.....	.....	1047A8
Analysis.....	24.86	5.52	6.55	41.72	9.35	12.00	277S
Cotton Bloom Brand Turkey All-Mash Laying Ration Pellets.....	17.00	3.50	7.50	50.00	.....	.....	1047B3
Analysis.....	19.25	4.68	6.82	50.40	9.87	8.98	203S
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00	.....	.....	1047B5
Analysis.....	20.33	5.04	4.92	54.08	8.85	6.78	407S

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
McCulloch County Cotton Oil Mill, Brady, Texas—Continued.							
Cotton Bloom Brand Growing Mash	18.50	4.00	5.50	53.00	.....	.....	1047B6
Analysis	18.96	4.91	4.81	55.16	9.28	6.88	408S
Cotton Bloom Brand Starter and Broiler Mash	18.50	4.00	5.50	53.00	.....	.....	1047B7
Analysis	18.62	5.00	5.25	54.72	9.85	6.56	342S
McDonald Feed Mill, Rising Star, Texas.							
Cow Feed	16.00	3.50	13.50	46.00	.....	.....	2266C
Analysis	16.60	3.95	12.19	48.77	10.28	8.21	465S
McDonald Feed Store, E. M., Merkel, Texas.							
Egg Mash	18.00	3.50	5.50	51.50	.....	.....	2218F
Analysis	19.29	4.48	5.11	53.73	7.20	10.19	78S
All-Mash Chick Starter	16.50	3.50	5.00	54.50	.....	.....	2218G
Analysis	17.34	3.85	3.58	59.16	8.50	7.57	231S
Growing Mash	16.00	3.50	7.00	52.50	.....	.....	2218H
Analysis ²⁶⁰	18.46	3.87	4.75	54.96	9.13	8.83	375S
McDonald Packing Company, Alex, Lubbock, Texas.							
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	2.00	.....	.....	2228A
Analysis ^{b c}	47.50	16.93	2.65	3.90	5.60	23.42	66K
Melver Feed & Milling Company, San Antonio, Texas.							
50% Protein Meat and Bone Meal	50.00	6.00	3.00	0.00	.....	.....	1725F
Analysis	54.00	9.26	2.39	.16	6.48	27.71	78H
Analysis ^c	48.45	11.72	1.17	.82	8.05	29.79	149H
Jay Dee 28% Protein Whole-Pressed Cottonseed Pellets for Cattle	28.00	6.00	23.00	29.00	.....	.....	1725X
Analysis	29.23	5.34	20.12	32.92	7.89	4.50	118H
Del Rio Brand Special Mixed Feed Pellets	15.00	3.00	17.00	44.50	.....	.....	1725Y
Analysis ²⁶¹	17.40	3.45	17.42	44.53	5.40	11.80	42H
Analysis ^{b262}	16.10	2.57	18.40	39.25	12.15	11.53	267S
Jay Dee Brand 43% Protein Cotton- seed Meal	43.00	6.00	12.00	23.00	.....	.....	1725A2
Analysis	43.22	5.83	11.66	27.51	6.50	5.28	32H
Magnolia Provision Company, Houston, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	.....	.....	719A
Analysis	42.92	5.17	10.42	28.47	7.08	5.94	303M
Majestic Flour Mill, Aurora, Missouri.							
Soft Wheat Gray Shorts and Screen- ings	15.00	3.50	6.00	55.00	.....	.....	738D
Analysis	19.01	3.93	5.88	54.56	12.57	4.05	220F
Analysis ^{e263}	17.57	4.58	7.06	57.27	9.70	3.82	481F
Mandan Creamery & Produce Company, Mandan, North Dakota.							
Dried Buttermilk Flakes	32.00	5.00	1.00	35.00	.....	.....	80A
Analysis ^{d a}	29.80	6.50	.24	45.68	6.77	11.01	394M
Analysis	31.38	8.75	.30	41.79	6.18	11.60	436M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁶⁰Excess of ground oyster shell and salt found.²⁶¹Salt found, not claimed.²⁶²Not in pellet form.²⁶³Wheat brown shorts and screenings.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Marlin Oil Company, The, Marlin, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	514F
Analysis.....	43.31	5.33	12.28	29.35	4.21	5.52	50S
Analysis.....	45.07	6.89	10.19	24.45	7.58	5.82	311W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	514G
Analysis ^{b c}	41.44	6.22	12.00	27.91	7.15	5.28	135S
Analysis.....	42.77	6.39	11.31	27.99	6.24	5.30	144S
Analysis.....	42.50	6.57	11.78	27.59	6.36	5.29	145S
Analysis ^e	42.40	6.12	12.19	27.21	6.75	5.33	144T
Analysis ^e	42.09	6.24	11.77	28.32	6.17	5.41	7W
Analysis ^e	41.94	6.50	12.54	28.29	5.47	5.26	13W
Analysis ^e	41.67	6.05	12.19	27.89	6.55	5.65	107W
Analysis.....	44.05	6.28	10.55	26.58	6.90	5.64	217W
Analysis ^e	42.23	6.50	11.45	26.38	7.89	5.55	252W
Analysis.....	44.28	6.64	10.83	25.51	7.17	5.57	512W
Marquez, Secundino, Eagle Pass, Texas.							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	735A
Analysis ²⁶⁴	17.60	5.04	10.81	50.93	9.57	6.05	313M
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	735B
Analysis.....	17.02	4.71	5.99	58.98	9.82	3.48	309H
Analysis.....	16.10	3.99	5.32	60.79	10.52	3.28	437H
Marshall Cotton Oil Company, Marshall, Texas.							
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1720C
Analysis.....	43.53	6.00	9.53	28.08	7.52	5.34	119F
Analysis.....	42.70	6.31	10.14	28.12	7.34	5.39	125F
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1720F
Analysis ^e	41.45	6.48	10.93	30.16	5.69	5.29	59F
Analysis.....	42.57	6.15	11.25	26.78	7.45	5.80	178F
Analysis ^{a265}	43.09	7.07	10.06	26.70	7.18	5.90	183F
Analysis.....	44.18	6.95	9.49	25.75	8.18	5.45	259F
Analysis ^e	42.49	6.54	10.05	27.21	7.96	5.75	445F
Analysis.....	43.96	6.50	9.37	24.17	10.62	5.38	201T
Marshall Feed Company, Clay Center, Kansas.							
Chlorad Base.....	40.00	9.00	5.00	25.00	.....	.....	454B
Analysis ^a	44.40	8.09	5.09	24.13	8.68	9.61	364T
Marshall Mill & Elevator Company, Marshall, Texas.							
Texas Sweet Stock Feed.....	9.00	2.30	13.50	56.00	.....	.....	250S
Analysis.....	12.00	2.65	12.78	54.04	11.50	7.03	380F
Acorn 24% Protein Dairy Feed.....	24.00	4.50	10.00	43.00	.....	.....	250T
Analysis ²⁶⁶	26.39	4.17	8.09	45.40	9.45	6.50	26F
Analysis.....	28.90	4.80	9.82	40.11	9.45	6.92	381F
Analysis.....	26.79	4.45	7.87	43.29	10.95	6.65	225H
Analysis.....	26.52	4.43	8.49	44.37	8.81	7.38	122K
Analysis ^e	26.99	4.40	8.41	43.12	11.17	5.91	218W
Analysis ^j	27.02	4.56	7.98	42.10	11.89	6.45	473F
Texla 16% Protein Dairy Feed.....	16.00	3.10	13.70	47.60	.....	.....	250V
Analysis ^j	18.33	3.12	11.64	47.15	12.35	7.41	471F
Acorn Starting Mash.....	18.00	4.40	5.30	48.00	.....	.....	250A8
Analysis.....	21.22	5.46	5.57	48.77	8.47	10.51	252M
Texla Laying Mash.....	19.40	3.80	7.80	46.00	.....	.....	250B4
Analysis.....	21.40	4.45	7.01	49.47	10.66	7.01	374F

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

²⁶⁴Excess of ground wheat screenings present.²⁶⁵Coarsely ground meal.²⁶⁶Deficient in ground limestone.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Marshall Mill & Elevator Company, Marshall, Texas—Continued.							
Acorn Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	250B6
Analysis.....	10.98	6.24	4.11	66.29	9.58	2.80	254K
Analysis.....	11.57	6.72	2.64	68.43	8.31	2.33	18T
Latex Sweet Mixing Feed.....	9.50	2.30	17.00	52.00	.....	.....	250C2
Analysis.....	13.73	1.94	12.21	52.80	10.74	8.58	25F
Analysis.....	10.82	1.55	18.61	50.07	11.78	7.17	472F
Analysis.....	11.19	1.85	15.41	56.59	6.30	8.66	61K
Analysis ²⁶⁷	9.80	.96	18.32	53.56	10.03	7.33	232W
Analysis.....	13.02	2.15	11.63	54.48	11.34	7.38	460W
Special 18% Protein Dairy Feed.....	18.00	4.00	14.00	43.00	.....	.....	250C4
Analysis.....	19.11	3.86	12.26	46.38	11.39	7.00	226H
Sweetex Mixed Feed.....	9.00	1.60	36.00	36.00	.....	.....	250D9
Analysis.....	9.80	1.31	29.14	39.74	13.31	6.70	205T
Analysis.....	9.30	1.25	27.94	39.32	14.27	7.92	351W
Acorn Cattle Cubes.....	17.40	4.20	7.00	48.00	.....	.....	250E1
Analysis.....	19.62	4.75	5.36	51.57	12.50	6.20	255H
Analysis.....	19.95	4.28	5.02	53.56	11.04	6.15	351M
Acorn Sheep Cubes.....	16.50	4.30	7.20	49.00	.....	.....	250E2
Analysis ^{bj}	18.38	4.63	4.72	55.56	8.31	8.40	102T
Special Five Laying Mash Pellets.....	20.50	3.50	7.40	44.60	.....	.....	250E9
Analysis ^{A268}	22.18	5.11	6.75	45.31	8.94	11.71	88F
Acorn Broiler Mash.....	18.00	4.00	6.40	51.00	.....	.....	250G1
Analysis.....	20.05	4.85	5.49	54.64	7.59	7.38	441W
Special Growing Mash.....	17.50	3.50	6.50	52.00	.....	.....	250G3
Analysis.....	20.39	3.23	6.20	52.04	11.29	6.85	456F
Analysis.....	19.28	4.53	7.21	52.26	9.70	7.02	360W
Big 5 Laying Mash.....	19.40	3.80	7.80	46.00	.....	.....	250G7
Analysis.....	22.22	4.16	7.35	49.69	10.45	6.13	110F
Analysis.....	21.55	4.24	6.89	50.52	10.20	6.60	219F
Analysis.....	22.34	4.40	7.36	49.43	9.75	6.72	250F
Analysis.....	21.80	4.34	7.23	49.77	10.09	6.77	168H
Analysis ²⁶⁹	20.50	4.09	6.51	51.58	9.77	7.55	149M
Analysis.....	22.47	3.93	6.91	51.84	7.86	6.99	100W
Big 5 Laying Mash Pellets.....	19.40	3.80	7.80	46.00	.....	.....	250G8
Analysis.....	21.79	4.22	6.50	50.04	11.25	6.20	151W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	250H6
Analysis ^c	42.28	6.95	9.40	26.80	8.00	6.57	253F
Analysis.....	43.25	5.79	9.71	27.05	8.05	6.15	306F
Analysis.....	42.64	6.65	10.77	27.68	7.06	5.20	330H
Martin Feed Mill, Nocona, Texas.							
Nocona Dairy Feed No. 3.....	19.00	4.00	11.00	47.00	.....	.....	2273K
Analysis.....	19.70	4.88	10.37	50.26	8.62	6.17	20T
Martin-Lane Company, Vernon, Texas.							
Crown Quality Brand All-Mash Starter.....	17.00	3.50	6.00	53.00	.....	.....	1902E
Analysis.....	18.00	3.88	4.84	57.36	10.15	5.77	414K
Crown Quality Brand Dairy Feed.....	18.00	3.20	12.00	45.00	.....	.....	1902G
Analysis ²⁷⁰	15.16	3.29	12.12	54.91	7.72	6.80	143K
Crown Quality Brand Growing Mash containing Charcoal.....	14.50	3.20	7.00	54.00	.....	.....	1902H
Analysis ²⁷¹	18.19	4.57	4.78	57.04	8.79	6.63	243K
Crown Quality Brand Laying Mash containing Cod Liver Oil.....	20.00	4.00	7.50	45.00	.....	.....	1902J
Analysis.....	21.10	4.84	6.07	50.08	6.21	11.70	52K

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

²⁶⁷Adulterated with approx. 13.5% of ground corn cobs.²⁶⁸Unauthorized statement printed on bags. Statement blocked out and sale resumed.²⁶⁹41% protein soybean oil meal claimed, not found.²⁷⁰Deficient in 43% protein cottonseed meal and ground limestone.²⁷¹Deficient in 34% protein linseed meal and salt.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Martin-Lane Company, Vernon, Texas—Continued.							
Bunk-O Cow Feed.....	16.00	2.80	17.50	45.00	.....	.....	1902K
Analysis.....	15.76	3.28	15.82	49.90	6.56	8.68	46K
Analysis.....	16.17	2.82	16.73	47.56	7.98	8.74	351T
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	1902Q
Analysis.....	18.01	2.38	19.21	37.98	8.56	13.86	490K
Mayfield Feed & Grain Company, Dalhart, Texas.							
Mayfield's Texacream Brand Growing Mash with Manganese Sulphate...	17.00	3.50	6.50	52.00	.....	.....	1530B
Analysis ^e	18.30	4.04	6.24	55.70	8.78	6.94	107K
Texacream Brand Scratch Grains.....	10.00	2.70	3.00	69.00	.....	.....	1530P
Analysis ^j ²⁷²	13.56	2.74	1.79	69.10	10.60	2.21	311K
Mayfield's Cacklay Brand Laying Mash.....	18.50	3.50	7.00	48.00	.....	.....	1530S
Analysis.....	20.57	3.94	5.65	53.67	8.85	7.32	198K
Mayfield's Texacream Brand Steer Pellets.....	17.00	2.60	7.00	50.00	.....	.....	1530T
Analysis.....	17.88	2.85	5.09	53.84	9.24	11.10	7K
Mayfield's Just-Rite Brand Dairy Feed.....	24.00	3.00	10.50	41.00	.....	.....	1530A2
Analysis.....	23.54	3.25	8.72	44.51	10.80	9.18	292K
Analysis.....	24.10	3.60	9.30	41.01	8.23	13.76	465K
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	1530A3
Analysis ^e	42.26	5.72	8.35	27.35	10.28	6.04	108K
Texacream Brand Laying Mash Pellets with Manganese Sulphate.....	18.00	3.50	6.00	50.00	.....	.....	1530A7
Analysis ^{k b e}	19.93	3.98	5.72	55.72	7.57	7.08	31K
Mayfield's Just-Rite Brand Chick Starter.....	18.00	3.50	6.00	51.50	.....	.....	1530D3
Analysis.....	20.13	4.08	5.38	53.99	9.14	7.28	523K
Mayfield Park Feed Store, San Antonio, Texas.							
Mayfield Park Chic Starter.....	17.00	3.70	5.50	55.00	.....	.....	1965B
Analysis ²⁷³	17.50	4.10	5.24	58.08	8.50	6.58	359H
X Laying Mash with Charcoal.....	19.50	4.00	6.50	49.00	.....	.....	1965K
Analysis ^{e274}	20.30	5.03	6.11	47.74	10.09	10.73	291H
Mayfield Park Dairy Feed.....	15.00	3.80	14.00	49.00	.....	.....	1965P
Analysis.....	14.37	3.63	12.55	53.65	8.19	7.61	77H
Analysis.....	15.40	4.30	12.35	51.29	9.12	7.54	250H
Meek, J. C., Loraine, Texas.							
Mak-A-Profit Brand Fattening Mash.....	13.00	3.50	6.00	59.00	.....	.....	1360B
Analysis.....	15.73	3.94	4.98	60.30	8.18	6.87	433S
Melton Feed Store, Waco, Texas.							
Mel-Tex Sweet Dairy Feed.....	20.00	3.50	13.00	43.50	.....	.....	332A
Analysis.....	22.30	4.21	11.88	44.77	9.04	7.80	509W
Memphis Cotton Oil Company, Memphis, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	680E
Analysis.....	42.55	7.91	9.18	27.74	6.89	5.73	464K
43% Protein Pebble-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	680I
Analysis ^e	42.15	7.95	9.69	28.75	6.03	5.43	395K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁷²Sunflower seed claimed, not found.²⁷³Ground whole oats found, not claimed.²⁷⁴Some oat hulls present. Excess of ground oyster shell found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Merchant Feed Store, Alvin, Texas.							
Merchant Growing Mash.....	17.50	3.40	6.20	52.00	.....	.....	122D
Analysis.....	19.30	4.30	4.87	53.39	10.85	7.29	411M
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	122E
Analysis ^{d a}	7.78	2.92	10.44	67.37	9.00	1.49	156M
Merchants & Planters Oil Company, Houston, Texas.							
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	466B
Analysis.....	42.03	6.17	10.93	27.58	7.06	6.23	405M
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	466D
Analysis ^{b c}	41.56	6.15	11.47	28.71	6.49	5.62	36M
Analysis.....	43.63	6.54	10.47	26.33	6.91	6.12	72M
Analysis.....	42.68	6.27	9.56	27.99	7.43	6.07	191M
Meyer Grain Company, Houston, Texas.							
Queen Chicken Feed.....	10.20	3.00	3.50	70.00	.....	.....	1293B
Analysis.....	10.84	3.25	1.47	72.07	9.90	2.47	395M
Triangle Brand Bulky-Mo.....	10.00	3.50	10.50	58.00	.....	.....	1293F
Analysis.....	10.56	4.57	9.55	59.21	11.41	4.70	174M
Queen Big 5 Brand Laying Mash.....	18.00	3.50	7.20	49.00	.....	.....	1293H
Analysis.....	20.60	3.67	5.56	53.50	8.59	8.08	7M
Triangle Brand 18% Protein Dairy Feed.....	18.00	3.50	10.50	46.50	.....	.....	1293K
Analysis ^{b k}	19.95	3.99	9.74	48.57	10.07	7.68	8M
Midlothian Oil & Gin Company, Midlothian, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	502I
Analysis ^{a 275}	41.70	6.67	11.09	28.87	6.25	5.42	243T
Analysis.....	42.84	6.95	11.49	27.74	5.18	5.80	49W
Analysis.....	43.59	6.54	9.82	27.93	6.68	5.44	239W
Analysis.....	44.70	6.40	9.20	27.02	7.00	5.68	258W
43% Protein Cracked Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....	502J
Analysis.....	43.87	5.87	9.54	27.38	7.44	5.90	109T
Midco Egg Laying Mash.....	19.50	3.70	6.00	48.00	.....	.....	502K
Analysis.....	19.44	4.24	5.79	52.77	9.57	8.19	531W
Midco Growing Mash.....	19.00	3.50	5.50	51.00	.....	.....	502N
Analysis.....	20.60	4.54	3.94	53.86	8.97	8.09	447W
Midco Baby Chick Starter with Minerals.....	17.00	3.50	5.00	55.00	.....	.....	502O
Analysis ^e	16.70	4.28	5.12	55.23	12.62	6.05	369W
Midwest Rendering Company, Inc., Abilene, Texas.							
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	1238A
Analysis ²⁷⁶	52.03	11.89	2.60	2.81	6.48	24.19	545K
Analysis.....	54.81	11.41	1.41	.80	7.41	24.16	469S
Miller Cereal Mills, Omaha, Nebraska.							
Hominy Feed.....	11.00	7.00	4.50	60.50	.....	.....	2521A
Analysis ^a	11.75	6.77	5.34	63.01	10.55	2.58	273F
Analysis ^a	12.14	7.20	4.98	63.81	8.87	3.00	137K
Analysis ^a	12.83	8.19	5.33	61.30	9.16	3.19	334M
Miller Company, A. F., Houston, Texas.							
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00	.....	.....	1777B
Analysis ^{a c}	42.54	8.01	14.72	23.42	7.23	4.08	378M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

275 Blended with high-protein meal and sale resumed.

276 Stomach contents present.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Miracle Mills, Hillsboro, Texas. Miracle Brand Egg Mash with Charcoal and Minerals.....	19.00	3.60	6.00	48.00	.....	.....	2615E
Analysis ^a	16.74	4.37	6.54	54.16	8.91	9.28	158W
Mission Feed Company, San Antonio, Texas. Mission Laying Mash with Charcoal.....	19.00	3.70	8.00	48.50	.....	.....	948C
Analysis ^a	19.54	4.09	6.70	52.03	10.20	7.44	208H
Mission Provision Company, Inc., San Antonio, Texas. Economy Brand 50% Protein Meat and Bone Scraps.....	50.00	8.00	3.00	0.00	.....	.....	1356A
Analysis ²⁷⁷	48.18	9.95	1.36	.96	5.18	34.37	112H
Analysis.....	50.80	11.27	1.93	.31	5.71	29.98	357H
Mitchell's Feed Store, Dallas, Texas. Mitchell's Best Cow Feed.....	18.00	3.80	10.00	50.00	.....	.....	147B
Analysis.....	18.60	4.41	10.52	53.02	8.50	4.95	58T
Moore Grain Company, F. B., Hamlin, Texas. Moore's Special Laying Mash.....	19.00	3.60	6.00	47.50	.....	.....	711F
Analysis.....	20.10	4.40	5.79	51.93	9.70	8.08	227S
Moore's Special Dairy Feed.....	16.00	3.50	10.00	52.00	.....	.....	711G
Analysis.....	16.90	3.86	7.36	55.43	11.40	5.05	70S
Moore's Special 40% Protein Supplement with Iron Oxide for Pigs and Hogs.....	40.00	4.50	9.00	16.00	.....	.....	711K
Analysis ^a	39.53	5.83	7.41	20.14	6.45	20.64	154S
Moore's Special Dairy Feed with Molasses.....	16.00	3.00	9.00	51.50	.....	.....	711M
Analysis.....	15.61	3.21	6.50	56.38	12.18	6.12	306S
Moore's Feed Store, San Angelo, Texas. Moore's Special Dairy Feed.....	18.00	3.00	13.00	41.00	.....	.....	1111E
Analysis.....	20.10	3.92	12.69	43.50	10.72	9.07	344S
Moore Mills, Inc., Chillicothe, Texas. Wheat Bran and Screenings.....	15.00	3.00	10.00	50.00	.....	.....	37A
Analysis.....	19.03	4.33	9.23	55.55	5.79	6.07	49K
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	37B
Analysis.....	20.00	3.86	5.47	56.19	9.35	5.13	542K
Moreland, H. E., Goldthwaite, Texas. Moreland Special Egg Mash.....	20.00	3.50	6.00	46.00	.....	.....	1915B
Analysis ²⁷⁸	14.78	3.65	5.93	54.98	8.73	11.93	483W
Morgan, Neal, Pasadena, Texas. Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	43B
Analysis.....	7.03	2.88	10.74	67.38	10.35	1.62	305M

^a b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.²⁷⁷ Approx. 3.7% of salt present.²⁷⁸ 43% protein cottonseed meal and alfalfa leaf meal claimed, not found. Kafir meal found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Morris Feed Company, Houston, Texas.							
Cracked Peanut Kernels.....	25.00	40.00	3.00	15.00	.....	.....	266A
Analysis.....	32.30	45.81	2.20	14.13	2.46	3.10	266A
Analysis ²⁷⁹	33.08	44.96	3.04	13.55	2.25	3.12	293M
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	266I
Analysis ^d	7.90	2.98	10.47	66.05	11.19	1.41	60M
Analysis.....	8.10	2.64	9.28	68.60	9.90	1.48	124M
Analysis.....	8.14	3.26	10.35	66.93	9.42	1.90	232M
Peanut Skins.....	12.00	2.20	31.00	40.00	.....	.....	266J
Analysis ²⁸⁰	15.75	26.64	19.33	31.36	4.58	2.34	266J
Analysis ²⁸⁰	17.67	28.36	15.20	31.03	5.15	2.59	123M
Milo Head Chop.....	8.50	2.50	8.00	65.00	.....	.....	266K
Analysis ^d	9.63	2.25	8.38	62.00	13.70	4.04	125M
Ground Cane Heads, Stalks, and Stems	6.50	1.90	20.00	55.00	.....	.....	266L
Analysis ^{d a}	5.09	1.49	18.87	46.73	10.37	17.45	126M
Morrison Milling Company, The, Denton, Texas.							
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	8I
Analysis.....	19.25	4.77	4.87	54.10	12.72	4.29	213M
Analysis ²⁸¹	18.82	4.96	6.26	54.90	10.89	4.17	157T
Analysis.....	19.55	4.96	5.95	54.04	11.35	4.15	209T
Analysis.....	21.43	4.33	3.80	53.77	12.41	4.26	385T
Analysis.....	20.54	4.00	5.74	53.16	12.45	4.11	439T
Wheat Brown Shorts and Screenings...	17.50	4.50	7.50	53.00	.....	.....	8L
Analysis.....	19.01	4.74	7.06	55.16	9.50	4.53	67F
Analysis.....	18.80	4.58	6.43	55.03	10.93	4.23	111M
Morrison Egg Mash.....	18.00	3.60	6.00	49.00	.....	.....	8N
Analysis.....	18.82	4.79	5.49	55.34	9.15	6.41	111T
Analysis.....	18.98	4.35	5.68	52.69	10.50	7.80	399T
Analysis.....	20.28	4.17	5.55	51.24	10.97	7.79	413T
Analysis.....	18.64	5.20	5.06	54.45	10.30	6.35	365W
Big A Special Dairy Feed.....	18.50	4.00	8.00	53.00	.....	.....	8R
Analysis.....	19.73	4.90	7.90	53.93	9.25	4.29	398T
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	8S
Analysis.....	9.40	5.41	8.80	65.05	9.13	2.21	374T
Analysis ²⁸²	8.85	6.50	12.13	61.94	8.15	2.43	394T
Big A Baby Chick Starter with Buttermilk and Charcoal.....	15.50	3.80	6.00	53.00	.....	.....	8T
Analysis ²⁸³	16.56	3.67	5.82	59.05	10.20	4.70	294T
Morten Milling Company, Dallas, Texas.							
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	1696D
Analysis.....	19.03	4.98	6.17	56.29	9.17	4.36	51F
Analysis.....	20.35	4.38	6.19	53.73	10.89	4.46	82F
Analysis.....	19.33	4.23	5.45	54.99	12.10	3.90	284F
Analysis.....	19.35	4.40	5.28	54.75	12.25	3.97	332F
Analysis.....	20.65	4.78	5.11	53.53	11.61	4.32	356F
Analysis.....	21.30	4.60	4.64	53.24	11.83	4.39	358F
Analysis.....	19.15	4.56	5.01	54.05	12.97	4.26	364F
Analysis.....	19.38	4.25	5.59	55.65	10.75	4.38	393F
Analysis.....	19.42	4.47	5.54	54.49	12.15	3.93	469F
Analysis.....	18.06	4.03	5.55	57.07	11.50	3.79	134H
Analysis.....	19.98	3.89	5.49	55.68	10.85	4.11	149K
Analysis.....	18.95	4.21	5.73	55.43	11.40	4.28	113M
Analysis ²⁸⁴	19.25	4.22	7.44	55.26	8.50	5.33	5S
Analysis.....	19.62	4.43	5.76	54.44	11.36	4.39	26T
Analysis.....	19.09	3.92	5.76	54.50	12.08	4.65	79T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁷⁹Cracked peanut germs.²⁸⁰Peanut meats present.²⁸¹Wheat brown shorts and screenings.²⁸²Chiefly corn bran.²⁸³Some ground oat hulls found, not claimed.²⁸⁴Wheat brown shorts and screenings.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Morten Milling Company, Dallas, Texas—Continued.							
Wheat Gray Shorts and Screenings—Continued.							
Analysis.....	18.82	4.11	5.35	55.59	12.35	3.78	141T
Analysis.....	19.49	4.42	5.91	54.27	12.01	3.90	309T
Analysis.....	19.54	4.50	5.36	54.52	11.60	4.48	343T
Analysis.....	20.04	4.27	5.77	55.25	10.25	4.42	58W
Wheat Bran and Screenings.....	14.50	4.00	10.00	50.00			1696F
Analysis.....	18.05	4.15	9.66	50.84	11.19	6.11	65T
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00			1696J
Analysis ²⁸⁵	19.31	3.78	5.81	55.42	11.86	3.82	212F
Analysis ²⁸⁵	18.96	4.00	5.78	54.46	12.20	4.60	221F
Analysis.....	19.25	3.83	5.15	55.17	12.57	4.03	256F
Analysis ⁶²⁸⁵	19.37	3.97	5.54	55.10	11.77	4.25	222M
Moulton Oil & Gin Company, Moulton, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			425B
Analysis.....	43.50	6.54	10.97	25.16	8.48	5.35	150H
Analysis.....	42.66	6.01	9.55	29.08	6.94	5.76	323H
Mount Pleasant Oil Mill, Mount Pleasant, Texas.							
Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00			265A
Analysis.....	10.81	1.96	38.09	40.13	5.96	3.05	87F
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			265G
Analysis.....	43.28	6.00	10.66	28.88	5.54	5.64	28F
Analysis.....	42.44	6.74	11.54	28.13	5.63	5.52	86F
Analysis.....	43.54	6.12	9.87	27.32	7.45	5.70	268F
Analysis.....	43.04	6.27	10.16	27.55	7.43	5.55	315F
Analysis.....	42.52	6.37	10.46	27.24	7.83	5.58	452F
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00			265H
Analysis.....	42.90	5.81	10.17	27.83	7.62	5.67	269F
Mueller-Huber Grain Company, San Antonio, Texas.							
Sunshine Brand Special Cow Feed...	19.00	3.20	9.50	48.00			1407F
Analysis.....	20.98	2.94	9.40	49.75	10.62	6.31	73H
Analysis.....	19.97	3.20	8.63	49.00	12.87	6.33	247H
Muhco Mixed Feed.....	9.00	1.60	15.50	48.50			1407L
Analysis.....	9.50	1.35	12.65	55.58	13.25	7.67	166H
Big Egg Brand Laying Mash.....	18.00	3.50	7.00	51.00			1407B8
Analysis.....	18.50	5.11	5.11	53.93	9.94	7.41	476H
Mumme, R. T., Houston, Texas.							
Non-Stop Laying Mash.....	18.50	3.50	6.50	50.00			1820A
Analysis ²⁸⁶	19.85	4.84	5.05	50.93	10.23	9.10	59M
Sunrise Dairy Feed.....	17.50	6.00	15.00	40.00			1820B
Analysis.....	19.07	8.25	13.15	40.27	9.57	9.69	57M
Non-Stop Scratch Grain.....	10.00	2.70	3.00	70.00			1820E
Analysis.....	11.31	2.78	2.16	72.07	10.17	1.51	58M
Non-Stop Dairy Feed.....	18.00	4.50	15.00	38.00			1820G
Analysis.....	19.71	6.18	10.59	44.46	10.54	8.52	367M
Munger Cotton Oil Company, Mexia, Texas.							
Mocco Mixed Feed.....	11.60	1.70	37.00	36.00			40D
Analysis.....	10.20	1.73	36.12	39.52	7.53	4.90	520W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			40E
Analysis.....	45.14	7.02	9.55	26.74	5.92	5.63	37W
Analysis.....	43.61	6.52	10.82	26.90	6.66	5.49	61W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁸⁵Ground wheat screenings present.²⁸⁶Ground whole oats found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Munger Cotton Oil Company, Mexia, Texas—Continued.							
43% Protein Cottonseed Meal—Cont.							
Analysis ^a	42.14	6.99	11.40	28.24	5.85	5.38	65W
Analysis ^c	41.68	6.38	11.62	28.21	6.85	5.26	154W
Analysis.....	44.05	6.44	10.67	25.35	7.36	6.19	227W
Munger Cotton Oil Company, Teague, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	2518A
Analysis.....	43.55	6.56	10.91	26.40	7.13	5.45	259M
Analysis ^c	42.36	6.60	11.25	27.07	7.40	5.32	139W
Analysis ^e	42.48	6.67	10.79	28.08	6.61	5.37	223W
Analysis.....	43.60	6.19	10.30	27.40	7.10	5.41	225W
Analysis.....	43.14	6.25	11.69	27.04	6.31	5.57	353W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	2518B
Analysis ^c	41.63	5.85	12.37	29.16	5.78	5.21	63W
Analysis ^e	42.05	5.98	11.07	27.52	8.03	5.35	143W
Municipal Abattoir, Austin, Texas.							
50% Protein Digester Tankage with Bone.....	50.00	6.00	3.00	0.00	.....	.....	1672A
Analysis.....	55.57	11.54	1.43	1.26	6.05	24.15	52H
Analysis ²⁸⁷	55.83	8.40	2.09	2.22	10.08	21.38	379H
Nacogdoches Oil Mill, The, Nacogdoches, Texas.							
Lone Star Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	564G
Analysis.....	44.01	7.17	9.25	26.90	6.48	6.19	22F
Analysis.....	43.85	6.64	9.85	27.54	6.69	5.43	49F
Analysis.....	42.54	6.29	10.51	28.33	7.01	5.32	64F
Analysis ^c	41.66	5.77	11.80	28.03	7.45	5.29	108F
Analysis.....	43.03	6.23	10.14	26.90	8.29	5.41	234F
Natchitoches Oil Mill, Inc., Natchitoches, Louisiana.							
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	683A
Analysis ^{a c288}	39.00	6.36	11.06	26.83	7.20	9.55	299F
41.12% Protein Ground Cottonseed Feed with Oyster Shell.....	40.00	4.80	13.60	25.00	.....	.....	683B
Analysis.....	40.66	6.06	10.55	27.10	6.88	8.75	400F
Analysis.....	39.90	5.91	10.73	26.97	8.31	8.18	437F
National Feed Store, Beaumont, Texas.							
Botex Dairy Feed.....	18.00	4.00	15.00	43.00	.....	.....	1807D
Analysis.....	16.71	4.97	16.35	46.00	10.06	5.91	164M
Analysis.....	17.61	4.30	15.68	46.47	9.90	6.04	279M
Needville Milling Company, Needville, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1935A
Analysis.....	7.53	3.07	11.62	64.54	11.79	1.45	140M
Nelson Grain Company, Inc., Claude, Texas.							
Diamond N Chick Starting Mash....	17.00	3.70	6.00	53.50	.....	.....	1830K
Analysis.....	17.30	4.94	3.72	57.51	7.63	8.90	400K
Nelson's Special Cattle and Sheep Feed.....	15.00	3.20	10.00	52.00	.....	.....	1830P
Analysis.....	18.46	4.45	8.95	52.51	8.89	6.74	129K

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.²⁸⁷Animal hair present.²⁸⁸Ground oyster shell found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Nelson Produce Company, McGregor, Texas.							
Sunshine Laying Mash.....	20.00	3.50	6.50	47.00	.....	.....	780A
Analysis.....	21.10	4.64	5.86	48.47	8.58	11.35	161W
Sunshine All-Mash Starter.....	17.00	3.50	5.50	51.00	.....	.....	780C
Analysis.....	19.07	5.06	4.05	55.02	9.14	7.66	440W
Sunshine Growing Mash.....	15.00	3.50	6.00	53.00	.....	.....	780D
Analysis ²⁸⁹	19.50	4.75	5.48	52.94	9.66	7.67	510W
Sunshine 34% Protein Supplement for Pigs and Hogs.....	34.00	4.00	6.50	26.00	.....	.....	780F
Analysis ^k	38.86	6.50	6.45	26.56	8.28	13.35	250W
Neuhoff Brothers, Packers, Dallas, Texas.							
50% Protein Meat and Bone Scraps..	50.00	6.00	3.00	0.00	.....	.....	1844A
Analysis.....	49.79	10.73	2.55	.04	3.80	33.09	53T
Neumond Company, The, St. Louis, Missouri.							
Neumond's 50% Protein Dried Fish Meal.....	50.00	2.00	15.00	1.00	.....	.....	1609C
Analysis ^{d a}	52.70	3.58	13.38	.00	5.41	24.93	69H
Analysis ^{a h290}	50.40	2.46	12.67	.17	10.03	24.27	466T
Nevada County Cotton Oil Mill, Prescott, Arkansas.							
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	123A
Analysis ^e	26.48	5.56	23.92	32.91	6.05	5.08	457K
New Orleans Grain & Feed Company, Inc., New Orleans, Louisiana.							
Golden Calf Brand Brewers' Dried Grains.....	24.00	5.00	18.00	40.00	.....	.....	633A
Analysis.....	26.96	7.30	15.05	38.94	7.87	3.88	441F
Analysis.....	29.01	6.13	16.75	37.31	6.66	4.14	241H
Analysis ^a	27.40	7.20	14.99	38.94	7.94	3.53	19M
19th Avenue Grain & Fuel, Houston, Texas.							
Golden Grain Brand Scratch Feed...	10.20	3.00	3.50	69.00	.....	.....	2444A
Analysis.....	11.85	2.74	2.10	71.00	10.79	1.52	460M
Nornhausser & Company, San Antonio, Texas.							
Norco Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	32A
Analysis ^e	47.57	14.25	1.69	.44	6.08	29.97	124H
North Flour & Feed Company, Jeff, Waxahachie, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1067F
Analysis.....	7.97	3.11	11.34	65.17	10.15	2.26	224T
Northern Oats Company, Minneapolis, Minnesota.							
Rolled Oats for Poultry.....	16.00	6.00	1.50	65.00	.....	.....	1010E
Analysis ^{d a}	17.18	6.44	1.88	62.61	9.69	2.20	272F

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.²⁸⁹34% protein linseed meal claimed, not found.²⁹⁰Portion of shipment damaged and sold as fertilizer.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Northern Packing Corporation, San Francisco, California.							
North Crest Brand 68% Protein							
Vacuum-Dried Fish Meal.....	68.00	5.00	1.00	1.00	.....	.....	232A
Analysis.....	67.09	4.06	.31	4.72	7.93	15.89	232A
Analysis ^a	67.58	4.38	.24	6.97	7.23	13.60	335H
Nox-All Feed Store, Dallas, Texas.							
Our-Own Brand Dairy Feed.....	16.00	3.50	10.00	44.60	.....	.....	642A
Analysis ²⁹¹	16.98	3.92	10.56	52.51	9.10	6.93	128T
Nu-Mix All-Mash Starting and Growing Ration with Charcoal and Minerals.....	16.50	3.50	7.00	51.00	.....	.....	642E
Analysis ^e	18.78	4.69	5.70	53.08	9.89	7.86	340T
Nuckolls Packing Company, The, Pueblo, Colorado.							
Nuckolls' 60% Protein Meat Meal Tankage.....	60.00	3.00	3.00	0.00	.....	.....	1262A
Analysis ^a	62.53	9.26	2.78	2.56	4.73	18.14	448K
Nutrena Mills, Inc. Coffeyville, Kansas.							
Nutrena Chick Mash with Manganese Sulphate.....	18.00	4.00	7.00	51.00	.....	.....	874F
Analysis ^e	18.40	4.16	5.93	54.55	9.73	7.23	274T
Nutrena Chick Mash.....	18.00	4.00	7.00	51.00	.....	.....	874F
Analysis.....	19.63	4.73	6.30	51.62	9.90	7.82	412T
Nutty Brown Mills, Houston, Texas.							
32% Protein Cottonseed Meal Screenings.....	32.00	5.00	18.00	30.00	.....	.....	1547A
Analysis ^a ^e	26.67	3.80	20.94	36.25	8.06	4.28	275M
Analysis.....	31.96	4.48	17.39	33.05	8.36	4.76	J
Odessa Grain Company, Odessa, Texas.							
Odessa Preferred Brand Dairy Cow Feed.....	25.00	4.50	11.00	42.00	.....	.....	2384C
Analysis.....	27.17	4.83	9.39	44.82	8.17	5.62	89S
Odessa Economy Brand Dairy Cow Feed.....	18.00	4.30	15.50	46.00	.....	.....	2384D
Analysis.....	20.42	4.56	13.75	48.20	7.63	5.44	18S
Rusty's Special Dairy Feed.....	17.00	3.40	13.50	46.00	.....	.....	2384E
Analysis.....	19.48	4.29	13.46	47.35	9.53	5.89	436S
Odessa Poultry Mash with Charcoal.....	16.00	4.00	5.50	53.00	.....	.....	2384G
Analysis ^e	18.05	4.83	4.41	60.98	4.24	7.49	315S
Oglesby Roller Mills, Oglesby, Texas.							
Blue Star Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00	.....	.....	2008F
Analysis.....	11.18	2.08	35.50	40.51	7.68	3.05	304W
Oil Mill & Fertilizer Works, Henderson, Texas.							
Rusco Brand 80-20 Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	124B
Analysis.....	11.27	1.81	36.29	39.94	6.65	4.04	38F
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	124C
Analysis.....	42.82	6.88	10.31	27.34	7.37	5.28	34F

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.²⁹¹Ground rice hulls claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Oil Mill & Fertilizer Works,							
Henderson, Texas—Continued.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	124I
Analysis.....	42.73	7.26	11.27	26.77	6.73	5.24	35F
Analysis ^c	42.31	7.71	11.56	26.87	6.31	5.24	52F
Analysis.....	43.53	6.95	9.99	27.02	7.21	5.30	248F
Analysis.....	43.76	7.70	10.18	26.01	7.05	5.30	382F
Analysis ^c	42.03	7.73	10.43	27.70	6.58	5.53	392F
Analysis ^e	40.83	6.85	11.35	28.39	7.50	5.08	401T
Rusco 9% Protein Sweet Feed.....	9.00	1.50	34.00	36.00	.....	.....	124F
Analysis.....	9.92	2.34	31.50	31.13	19.53	5.58	246F
Rusco 24% Protein Dairy Feed.....	24.00	4.00	11.00	41.50	.....	.....	124G
Analysis.....	25.16	5.62	9.74	45.13	8.18	6.17	33F
Champion Brand 24% Protein Dairy Feed.....	24.00	3.60	15.00	36.50	.....	.....	124R
Analysis.....	24.10	4.50	13.18	35.43	15.41	7.38	247F
O. K. Feed Service,							
Mansfield, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1819A
Analysis.....	7.62	3.15	11.09	65.97	10.60	1.57	523W
Okeene Milling Company,							
Okeene, Oklahoma.							
Okeene Brand Egg Mash.....	18.00	3.50	8.00	48.50	.....	.....	153H
Analysis ^{b,292}	19.54	4.00	6.37	52.26	10.15	7.68	459K
Mor-Egg Brand Laying Mash.....	19.00	3.50	8.00	45.00	.....	.....	153I
Analysis ²⁹³	20.58	3.51	7.44	51.41	6.02	11.04	18K
Wheat Mixed Feed and Screenings.....	16.00	3.50	8.50	52.00	.....	.....	153J
Analysis.....	17.20	3.74	7.33	57.55	8.77	5.41	15K
Thrifty Brand Egg Mash.....	18.00	4.00	8.00	45.00	.....	.....	153P
Analysis ²⁹⁴	19.43	3.34	7.30	51.81	8.26	9.86	24K
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....	153Q
Analysis.....	17.28	3.74	4.32	61.17	10.10	3.39	23K
Okeene Brand All-Mash Starter Pellets with Charcoal and Manganese Sulphate.....	18.50	3.50	7.00	46.00	.....	.....	153A3
Analysis ^{e,295}	18.03	3.77	5.09	59.66	7.13	6.32	9K
Opelousas Oil Mill,							
Opelousas, Louisiana.							
41.12% Protein Cracked Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	1923A
Analysis ^{a,c}	39.88	5.51	12.31	27.64	8.47	6.19	228M
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	1923D
Analysis ^a	41.53	6.13	11.57	27.46	7.14	6.17	229M
Analysis ^c	40.12	5.95	12.64	27.48	7.80	6.01	281M
Analysis.....	40.67	5.63	11.77	26.67	8.97	6.29	288M
Analysis ^c	39.92	5.74	12.43	27.93	8.12	5.86	289M
Otis Gin & Warehouse Company,							
Loving, New Mexico.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1426A
Analysis.....	43.57	5.54	9.96	29.17	6.16	5.60	113S
Analysis.....	43.04	5.64	10.89	28.80	6.26	5.37	170S
Analysis ^c	42.47	6.26	11.15	29.75	4.97	5.40	186S
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1426B
Analysis.....	43.54	5.78	10.66	28.28	6.22	5.52	188S
“Wano” Brand Mixed Feed.....	11.80	1.70	38.00	36.00	.....	.....	1426C
Analysis ^{b,j}	12.40	1.99	35.89	40.03	6.50	3.19	437S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

²⁹²Short in weight. Even-weighted to 100 lbs. net and sale resumed.²⁹³Excess of ground limestone found.²⁹⁴Soybean oil meal found, not claimed.²⁹⁵Not in pellet form.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Packard Mill & Elevator Company, H.M., Spring Lake, Texas.							
Wheat Mixed Feed and Screenings...	16.00	3.50	8.50	52.00	.....	.....	1632C
Analysis ^a	19.96	2.86	4.73	57.05	12.14	3.26	285K
Packard Milling Company, Hereford, Texas.							
Wheat Mixed Feed and Screenings...	16.50	3.50	8.50	52.00	.....	.....	211A
Analysis.....	18.80	4.22	8.07	52.88	10.80	5.23	162K
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	211B
Analysis.....	18.31	4.33	9.49	51.85	10.34	5.68	393K
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	211C
Analysis.....	20.83	3.74	4.72	57.20	9.98	3.53	533K
Packard's Mix All-Mash Chick Starter with Iron Oxide.....	15.50	3.50	6.50	50.00	.....	.....	211X
Analysis ^a	18.45	4.30	5.33	55.77	9.65	6.50	279K
Palestine Grain Company, Palestine, Texas.							
Magnolia 5 Egg Mash.....	19.00	3.70	8.00	46.00	.....	.....	1442A
Analysis.....	20.77	4.62	7.18	49.39	8.76	9.28	19F
Analysis.....	19.10	4.50	6.63	50.23	8.91	10.63	165F
Analysis.....	20.44	5.05	6.32	49.30	8.50	10.39	398F
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1442Q
Analysis ²⁹⁶	11.22	4.89	8.69	61.91	8.72	4.57	106F
Magnolia Special Egg Mash.....	19.00	4.00	7.50	48.00	.....	.....	1442Z
Analysis.....	20.20	4.77	7.37	50.95	8.79	7.92	399F
Magnolia Growing Mash with Buttermilk.....	16.70	3.50	6.00	52.00	.....	.....	1442A2
Analysis ²⁹⁷	18.45	4.88	5.38	53.50	8.87	8.92	397F
Analysis.....	18.89	4.40	4.05	54.29	10.10	8.27	426W
Magnolia All-Mash Starter with Buttermilk and Cod Liver Oil.....	17.00	3.50	5.00	52.00	.....	.....	1442A3
Analysis.....	19.20	3.79	4.82	54.49	9.18	8.52	396F
Panther City Grain Company, Fort Worth, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1597D
Analysis.....	8.82	3.90	9.13	65.85	10.60	1.70	425T
Paris Milling Company, Paris, Texas.							
Plymouth Brand Laying Mash.....	18.50	3.50	8.00	47.80	.....	.....	9E
Analysis.....	20.23	5.00	7.52	51.14	8.70	7.41	79F
Analysis.....	20.30	5.17	6.44	52.43	9.29	6.37	133F
Special X Hen Scratch.....	9.80	2.80	4.00	68.30	.....	.....	9A1
Analysis.....	11.28	3.40	2.54	69.83	11.25	1.70	261F
Special X Laying Mash with Charcoal.....	19.80	3.80	7.90	45.00	.....	.....	9A2
Analysis ^a	21.35	5.03	6.45	47.43	8.89	10.85	80F
Special A Dairy Feed.....	18.00	3.00	11.50	43.00	.....	.....	9A3
Analysis.....	19.02	4.50	8.90	48.91	11.69	6.98	459W
Patrick Flour & Feed Company, Corsicana, Texas.							
Chowmix 20% Protein Dairy Feed...	20.00	3.50	10.00	45.00	.....	.....	1875E
Analysis ²⁹⁸	22.00	4.14	9.45	51.84	7.88	4.69	38W
Chowmix Hog Feed.....	14.00	3.50	6.00	54.00	.....	.....	1875G
Analysis.....	16.07	3.78	3.23	63.01	10.15	3.76	362W

^a a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.²⁹⁶ Approx. 20% of corn meal present. Replaced with ground whole oats. Amount returned to manufacturer used in mixed feed.²⁹⁷ Excess of ground oyster shell found.²⁹⁸ Ear corn chop with husk substituted for ear corn chop.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Paul's Flour & Feed, El Paso, Texas.							
Paul's Baby Chick Starter Mash with Charcoal and Manganese Sulphate.	17.00	3.60	6.00	51.50			1143G
Analysis ^e	18.75	4.40	4.89	57.35	7.80	6.81	323S
Paul's Growing Mash.....	16.00	3.50	7.50	53.00			1143H
Analysis ²⁹⁹	16.60	5.22	6.89	56.67	7.93	6.69	438S
Paul's Laying Mash with Charcoal.....	18.00	3.60	7.20	50.00			1143I
Analysis.....	17.85	5.19	6.09	55.35	7.60	7.92	24S
Analysis.....	16.65	4.89	6.10	55.43	8.90	8.03	102S
Analysis ^e	18.58	4.70	5.44	53.73	9.25	8.30	322S
Paul's Dairy Feed.....	18.50	3.80	9.00	48.00			1143L
Analysis.....	19.23	4.78	7.32	53.81	8.65	6.21	243S
Alfalfa Meal.....	13.00	1.50	33.00	35.00			1143M
Analysis.....	17.50	2.21	23.05	39.35	6.14	11.75	439S
Paul's Competitor Brand Laying Mash with Buttermilk.....	18.00	3.50	7.00	46.50			1143N
Analysis.....	19.39	5.05	5.78	54.29	7.84	7.65	477S
Payne's Mill & Feed Company, Hearne, Texas.							
Robertson County Dairy Feed.....	15.00	3.40	11.00	54.00			1825D
Analysis.....	14.26	3.69	9.53	59.19	8.83	4.50	136W
Pecos Valley Alfalfa Mill Company, Hagerman, New Mex'co.							
Alfalfa Meal.....	13.00	1.50	33.00	35.00			112A
Analysis.....	15.44	2.00	26.94	37.88	7.40	10.34	427H
Analysis.....	11.59	2.58	35.46	36.71	4.96	8.70	2K
Analysis.....	13.10	2.37	33.64	37.18	5.38	8.33	190K
Analysis.....	13.30	2.00	31.25	39.43	5.33	8.69	288K
Analysis.....	13.70	2.42	28.40	39.61	6.62	9.25	480K
Peevee Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00			112E
Analysis.....	21.72	1.87	17.63	39.82	7.31	11.65	394F
Analysis ^a	20.90	2.88	15.80	37.97	7.37	15.08	430H
Analysis.....	19.25	2.18	14.67	42.63	9.70	11.57	106M
Analysis.....	20.60	2.38	15.72	39.52	9.01	12.77	433M
Analysis ³⁰⁰	20.07	3.92	16.79	37.73	6.95	14.54	502W
Vitalfa Brand Dehydrated Alfalfa Leaf Meal.....	22.00	3.00	18.00	35.00			112F
Analysis ^{j b}	21.30	3.42	15.18	36.30	11.46	12.34	432F
Peerless Milling Company, Amarillo, Texas.							
Peerless Brand 24% Protein Dairy Feed.....	24.00	4.00	12.00	41.00			2077B6
Analysis ³⁰¹	21.68	4.02	11.02	48.28	7.16	7.84	34K
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.							
Douglas Corn Gluten Feed.....	25.00	1.50	8.50	47.00			1224A
Analysis ^a	27.48	1.87	7.25	47.19	9.49	6.72	163F
Peoples Cotton Oil Company, Wharton, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			496C
Analysis.....	44.35	7.46	8.67	26.10	6.83	6.59	105M
Analysis.....	43.54	7.32	9.05	26.91	6.79	6.39	131M
Analysis.....	43.02	6.40	9.37	26.30	8.75	6.16	375M1

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.²⁹⁹34% protein linseed meal claimed, not found.³⁰⁰Some wild grass found.³⁰¹Deficient in ground limestone.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand ² Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Peoples Produce Company, Plainview, Texas.							
18% Protein Egg Mash.....	18.00	4.50	6.50	48.00	.....	.....	1019D
Analysis.....	17.42	5.57	5.36	56.36	8.89	6.40	512K
Perryton Equity Exchange, Perryton, Texas.							
Equity Brand Egg Mash.....	18.00	3.50	7.00	48.00	.....	.....	2355L
Analysis.....	21.05	4.39	4.80	52.35	6.82	10.59	14K
Star Brand Chick Mash.....	17.00	3.50	6.00	50.00	.....	.....	2355Q
Analysis.....	19.74	4.89	6.25	50.52	11.04	7.56	383K
Star Brand Growing Mash.....	17.50	3.50	6.50	49.00	.....	.....	2355R
Analysis.....	18.30	4.67	7.56	52.39	9.55	7.53	453K
Perryton Milling Company, Perryton, Texas.							
Wheat Mixed Feed and Screenings...	17.00	3.50	8.50	52.00	.....	.....	2562F
Analysis.....	19.61	3.29	6.88	58.37	6.90	4.95	13K
Ground Whole Barley and Ground Wheat.....	11.50	1.70	4.50	67.00	.....	.....	2562G
Analysis ³⁰²	11.34	2.01	3.97	70.24	9.62	2.82	386K
Peyton Packing Company, El Paso, Texas.							
Peyton's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	1564C
Analysis ³⁰³	50.91	10.65	2.35	1.63	5.00	29.46	251S
Analysis.....	51.63	11.25	1.64	1.21	5.40	28.87	388S
Analysis.....	52.11	12.01	1.45	1.63	5.01	27.79	479S
Pfeffer Rice Milling Company, Inc., Houston, Texas.							
Rice Bran containing Precipitated Carbonate of Lime.....	12.00	12.00	15.00	35.00	.....	.....	1352A
Analysis.....	12.06	15.41	13.46	36.96	8.84	13.27	76H
Pietsch & Boysen, Yoakum, Texas.							
O K Brand Growing Mash.....	16.50	4.00	8.00	50.00	.....	.....	1385O
Analysis ³	18.75	5.45	6.24	52.11	8.60	8.85	452H
Special Five Laying Mash.....	18.50	3.70	8.00	46.00	.....	.....	1385Q
Analysis.....	19.10	5.08	7.16	50.46	9.44	8.76	235H
Analysis ³⁰⁴	21.24	4.74	7.54	48.33	8.57	9.58	453H
Pillsbury Flour Mills Company, Minneapolis, Minnesota, and Branches.							
Pillsbury's Wheat Gray Shorts.....	16.00	3.50	6.00	55.00	.....	.....	70A
Analysis.....	18.64	5.03	5.85	54.28	11.75	4.45	264M
Analysis.....	19.15	5.00	5.49	56.04	10.14	4.18	126T
Palisade All-Mash Starting and Growing Feed with Charcoal and Manganese Sulphate.....	18.00	4.00	6.50	50.00	.....	.....	70D
Analysis ⁶	18.40	4.66	5.68	54.90	10.08	6.28	336T
Feed 'Em Egg Mash Pellets.....	18.00	4.00	8.00	53.00	.....	.....	70Z
Analysis.....	19.39	4.70	5.84	53.70	8.40	7.97	392S
Pillsbury's Five Point Laying Mash with Manganese Sulphate.....	18.00	3.50	8.50	47.50	.....	.....	70E7
Analysis.....	18.36	4.44	6.50	55.05	8.50	7.15	263M
Analysis ⁶	18.60	4.44	6.85	53.27	9.54	7.30	207W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

³⁰²Ground whole barley and ground milo. Defaced tags attached.³⁰³Approx. 9.3% of carbonate of lime present.³⁰⁴Alfalfa leaf meal claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Pillsbury Flour Mills Company, Minneapolis, Minnesota, and Branches—Continued.							
Pillsbury's Turkey Egg Mash Pellets with Charcoal and Manganese Sulphate.....	20.00	4.00	7.00	50.00	.....	.....	70E9
Analysis ^e	21.08	5.12	5.01	51.75	9.00	8.04	189W
Pincoffs Company, Maurice, Houston, Texas.							
Pinco Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1244A
Analysis.....	43.78	7.48	9.34	26.41	6.68	6.31	61M
Analysis ^e	42.08	6.52	11.05	26.51	7.82	6.02	169M
Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00	.....	.....	1244P
Analysis ^a	12.35	1.30	32.76	36.86	7.80	8.93	287M
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	1244W
Analysis ^a	55.45	9.86	2.48	.28	6.39	25.54	14M
Analysis.....	52.83	7.99	1.95	.02	6.21	31.00	314M
Analysis ^{b305}	51.64	8.42	1.05	.02	6.29	32.58	446M
Pinkney Packing Company, Amarillo, Texas.							
50% Protein Digester Tankage with Bone.....	50.00	5.00	3.00	0.00	.....	.....	2372C
Analysis.....	56.19	14.25	1.30	.89	6.27	21.10	176K
Analysis.....	56.25	14.69	1.19	.97	7.23	19.67	381K
Pioneer Flour Mills, San Antonio, Texas.							
Wheat Gray Shorts and Screenings.....	17.00	4.00	6.00	55.00	.....	.....	129F
Analysis.....	17.56	4.84	6.12	55.21	12.06	4.21	173H
Analysis ^{c306}	18.23	4.30	6.35	55.70	11.30	4.12	292H
Analysis.....	18.55	3.72	4.84	56.85	11.87	4.17	447H
Texas Pioneer Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	129N
Analysis ^j	23.12	5.20	5.69	45.47	9.99	10.53	257H
Texas Pioneer 18% Protein Dairy Feed.....	18.00	3.50	9.00	48.50	.....	.....	129O
Analysis ³⁰⁷	20.12	4.63	6.93	51.02	10.72	6.58	396H
Texas Pioneer Cow Feed.....	11.00	2.50	20.00	47.00	.....	.....	129P
Analysis.....	12.34	3.18	21.67	43.55	13.26	6.00	174H
Analysis.....	12.22	2.80	14.20	49.73	14.55	6.50	258H
Pioneer Gin Company, West, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1362C
Analysis ^{d a}	10.48	4.84	11.69	58.05	11.07	3.87	335F
Pittsburg Cotton Oil Company, Pittsburg, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	580A
Analysis.....	43.29	6.93	9.83	27.41	7.18	5.36	312F
Analysis.....	44.95	6.95	10.50	25.76	6.28	5.56	314F
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00	.....	.....	580H
Analysis.....	44.65	6.28	9.13	26.99	7.51	5.44	313F
Plains Cooperative Oil Mill, Lubbock, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1476B
Analysis.....	45.77	7.60	8.85	26.24	6.14	5.40	94K
Analysis.....	43.04	6.75	11.51	26.38	7.00	5.32	161K
Analysis.....	42.65	7.14	10.60	28.25	6.04	5.32	357K
Analysis.....	43.01	6.83	10.40	27.38	6.90	5.48	478K

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.³⁰⁵Blank Texas tags attached. Hoof and horn meal found.³⁰⁶Wheat brown shorts and screenings.³⁰⁷Crimped whole oats claimed, not found. Deficient in ground oyster shell.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Plains Cooperative Oil Mill, Lubbock, Texas—Continued.							
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	1476C
Analysis.....	44.23	7.26	10.07	26.11	7.23	5.10	98K
Analysis.....	43.11	7.03	10.47	26.33	8.09	4.97	177K
Plains Grain & Heads Handling Company, Slaton, Texas.							
Placo Sweet Feed.....	9.00	1.50	17.50	52.60	.....	.....	283C
Analysis.....	8.09	1.17	18.54	52.72	9.61	9.87	226T
Planters Cotton Oil Company, Dallas, Texas.							
Golden Rod Brand Mixed Feed (4-to-1).....	11.00	1.60	37.00	36.00	.....	.....	1850C
Analysis.....	12.68	2.72	34.59	36.79	7.92	5.30	236W
Golden Rod Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	1850F
Analysis ^c	40.67	5.81	10.95	27.92	8.38	6.27	196S
Analysis ^e	41.43	6.04	8.75	27.19	10.25	6.34	262S
Golden Rod Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1850J
Analysis ^c	42.47	6.54	10.80	26.90	7.56	5.73	120S
Analysis ^e	42.30	6.66	10.98	28.11	6.30	5.65	195S
Analysis.....	43.97	6.86	8.11	27.41	6.60	7.05	16T
Analysis.....	42.56	6.35	10.74	27.13	7.67	5.55	100T
Analysis.....	43.85	6.90	9.69	26.44	7.40	5.72	236T
Analysis.....	42.54	6.50	8.48	28.78	7.80	5.90	393T
Golden Rod Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1850K
Analysis ^j	43.77	6.54	10.57	27.09	6.32	5.71	131S
Planters Cotton Oil Company, Weatherford, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	2625A
Analysis.....	43.51	6.86	10.34	25.42	8.09	5.78	217T
Planters Cotton Oil Mill, Ennis, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	2343H
Analysis.....	42.88	6.96	10.14	26.29	8.08	5.65	231K
Analysis.....	44.06	6.02	10.47	27.03	6.54	5.88	306T
Analysis ^c	41.16	8.21	11.32	27.70	6.21	5.40	42W
Analysis.....	44.04	6.27	9.86	26.45	7.65	5.73	128W
Analysis.....	43.45	6.50	10.22	27.00	6.97	5.86	234W
Analysis.....	44.34	6.95	10.19	26.19	6.40	5.93	259W
Pleasant Valley Feed & Lumber Company, Amarillo, Texas.							
Pleasant Valley Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	694B
Analysis.....	21.90	5.12	6.91	45.61	8.31	12.15	376K
Ponca City Milling Company, Inc., Ponca City, Oklahoma.							
Wheat Brown Shorts and Screenings.....	16.50	4.00	7.50	53.00	.....	.....	1466F
Analysis.....	17.80	4.05	6.80	56.23	11.12	4.00	222F
Analysis.....	18.25	4.15	6.97	56.06	10.42	4.15	246K
Porcher Coal & Feed Company, Littlefield, Texas.							
Porcher's Egg Mash.....	19.00	3.50	6.00	51.00	.....	.....	1279B
Analysis ^c	21.60	4.01	6.12	50.68	9.21	8.38	79K
Porcher's Egg Mash.....	19.00	3.50	7.50	51.00	.....	.....	1279B
Analysis ^c	20.85	4.02	5.57	52.22	9.30	8.04	164K

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Porcher Produce Company, Littlefield, Texas.							
Porcher's Growing Mash.....	18.00	3.50	8.00	52.00	.....	.....	1279C
Analysis.....	19.48	3.58	5.68	54.64	9.17	7.45	475K
Port City Packing Company, Houston, Texas.							
Big State Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	1500A
Analysis.....	51.57	7.26	2.03	2.03	8.28	28.83	201H
Big State Brand 45% Protein Meat and Bone Scraps.....	45.00	6.00	3.00	0.00	.....	.....	1500B
Analysis.....	52.48	7.04	1.66	2.54	8.36	27.92	361M
Porter & White, Knox City, Texas.							
A-1 Brand Egg Mash.....	20.50	3.50	7.40	44.60	.....	.....	1524H
Analysis.....	22.74	5.00	8.35	45.67	6.81	11.43	7S
Analysis.....	22.00	4.82	7.31	46.17	9.06	10.64	466S
A-2 Brand All-Mash Laying Ration..	15.00	3.50	8.00	50.00	.....	.....	1524K
Analysis.....	18.22	3.65	6.32	54.75	9.46	7.60	365S
More-Milk Brand Dairy Feed.....	15.50	3.50	13.00	50.00	.....	.....	1524P
Analysis.....	19.36	3.75	15.08	48.10	9.33	4.38	426S
A-1 Brand Starting Mash.....	16.00	4.00	6.00	53.00	.....	.....	1524Q
Analysis.....	18.05	4.47	4.99	55.95	9.27	7.27	364S
Port Neches Feed Store, Port Neches, Texas.							
Thrifty Brand Mixed Feed.....	18.00	2.00	27.00	31.00	.....	.....	1706A
Analysis.....	18.90	3.38	20.55	39.56	10.78	6.83	427M
Pottsville Mill & Produce Company, Pottsville, Texas.							
2-R All-Mash Chick Starter.....	17.00	4.00	5.00	52.00	.....	.....	2442F
Analysis.....	18.38	5.48	4.00	54.00	9.18	8.96	393W
2-R Laying Mash.....	18.80	3.50	8.00	45.00	.....	.....	2442G
Analysis.....	20.77	4.99	5.39	47.85	9.17	11.83	298W
Power Grain Company, Dallas, Texas.							
Hi-Power Brand Chick Starter.....	17.00	3.60	6.00	54.00	.....	.....	2187I
Analysis.....	19.45	4.38	5.55	52.25	9.73	8.64	423T
Prather's Feed Store, O. A., Donna, Texas.							
Don-O Dairy Feed.....	15.00	3.00	13.00	49.00	.....	.....	1976A
Analysis.....	15.51	3.07	12.43	51.81	10.59	6.59	15H
Analysis.....	14.79	2.71	12.91	51.15	11.04	7.40	267H
Pratt Food Company, Hammond, Indiana.							
Pratt's Poultry-Mix.....	33.00	5.00	6.00	34.00	.....	.....	2666A
Analysis.....	37.03	5.53	6.15	35.81	8.11	7.37	2666A
Preston's Feed Mill, Gatesville, Texas.							
Gatco Dairy Feed.....	17.50	3.30	15.50	45.80	.....	.....	1969C
Analysis ³⁰⁸	17.11	3.96	11.72	51.74	8.11	7.36	8W
Holland Laying Mash.....	18.00	3.80	7.50	49.00	.....	.....	1969D
Analysis ³⁰⁹	18.46	5.01	6.48	49.80	10.09	10.16	308W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁰⁸Ground rice hulls and ground oyster shell found, not claimed.³⁰⁹Excess of ground limestone found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Pritchard Rice Milling Company, Houston, Texas.							
Rice Polishings containing Precipitated Carbonate of Lime.....	11.00	6.00	4.00	55.00	.....	.....	617A
Analysis.....	13.96	15.88	3.46	48.23	9.36	9.11	172H
Producers Gin Company, Safford, Arizona.							
Cream of Safford Valley Brand 43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00	.....	.....	1127A
Analysis ^{d a}	43.74	6.15	11.64	27.85	4.35	6.27	184S
Prosper Mill, Prosper, Texas.							
Prosper Maid Dairy Feed.....	15.00	3.30	15.00	49.00	.....	.....	1997C
Analysis.....	17.25	4.02	11.49	51.33	10.96	4.95	297T
Prosper Maid Laying Mash with Charcoal.....	18.50	3.50	7.50	45.00	.....	.....	1997E
Analysis.....	19.35	3.75	5.49	50.11	8.50	12.80	298T
Pueblo By-Products Company, Pueblo, Colorado.							
Golden Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	303A
Analysis ^a	52.11	10.27	1.89	1.03	6.44	28.26	447K
Analysis ^{b 310}	52.75	10.35	1.99	.03	5.85	29.03	481K
Purity Feed & Seed Company, Beeville, Texas.							
Bee-Co Laying Mash.....	20.00	3.80	6.50	44.50	.....	.....	1798F
Analysis.....	21.79	5.38	5.67	46.23	8.82	12.11	169H
Quaker Oats Company, The, Chicago, Illinois.							
Quaker Sugared Schumacher Cubes..	10.00	3.00	12.00	55.00	.....	.....	1379K
Analysis.....	12.66	3.46	10.49	57.24	9.15	7.00	286S
Analysis.....	12.65	3.24	10.24	58.55	9.03	6.29	307T
Ful-O-Pep Brand Egg-Breeder Mash.	20.00	4.50	8.00	45.00	.....	.....	1379O
Analysis ^j	20.40	5.86	5.37	51.05	9.19	8.13	104S
Big Egg Brand Laying Mash.....	20.00	4.00	8.00	48.00	.....	.....	1379X
Analysis.....	20.30	5.31	6.50	51.68	9.65	6.56	120F
Analysis.....	22.05	4.27	6.60	50.04	11.15	5.89	297H
Analysis.....	22.40	4.77	6.74	50.56	9.09	6.44	530K
Analysis.....	22.31	4.55	6.34	49.36	10.15	7.29	348W
Big Egg Brand All-Mash Starter-Grower.....	16.00	4.50	8.00	50.00	.....	.....	1379Y
Analysis ^e	17.66	5.73	7.17	54.49	8.34	6.61	127K
Analysis.....	19.12	4.61	5.51	54.66	9.92	6.18	532W
Victor Brand Rolled Oats.....	16.00	5.00	2.50	66.00	.....	.....	1379Z
Analysis ^a	17.24	4.93	2.12	64.47	9.35	1.89	331F
Ful-O-Pep Brand Growing Mash....	19.00	5.00	7.00	47.00	.....	.....	1379A1
Analysis.....	19.30	5.75	4.97	53.66	9.00	7.32	291F
Analysis.....	20.00	5.75	4.67	52.98	8.95	7.65	393S
Analysis.....	20.20	5.90	4.43	53.34	9.35	6.78	463W
Quaker Sugared Schumacher Feed....	10.00	3.00	12.00	55.00	.....	.....	1379A5
Analysis.....	12.30	3.70	11.00	57.78	9.07	6.15	188H
Analysis.....	11.92	3.73	11.30	59.18	7.62	6.25	521K
Analysis.....	13.13	3.65	9.87	56.29	10.50	6.56	321M
Analysis.....	12.66	3.18	10.97	55.32	10.93	6.94	535W
Big Egg Brand Laying Mash Pellets..	20.00	4.00	8.00	48.00	.....	.....	1379A7
Analysis.....	22.01	5.09	6.86	49.99	9.40	6.65	249S
Big Egg Brand 32% Protein Supplement for Poultry.....	32.00	4.50	7.00	32.00	.....	.....	1379B1
Analysis ^a	32.20	5.05	5.40	38.31	8.06	10.98	181K

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.³¹⁰Blank Texas tags attached.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Quaker Oats Company, The. Chicago, Illinois—Continued.							
Ful-O-Pep Brand Chick Starter.....	17.00	4.50	7.00	50.00	.....	.....	1379B5
Analysis.....	20.30	5.04	5.07	53.77	9.40	6.42	290F
Analysis ³¹¹	20.22	4.89	5.73	54.29	7.85	7.02	446S
Quaker 16% Protein Dairy Feed.....	16.00	3.00	13.50	46.00	.....	.....	1379B6
Analysis.....	19.97	4.50	10.70	50.59	5.83	8.41	38K
Ful-O-Pep Brand Laying Mash.....	20.00	4.50	8.00	45.00	.....	.....	1379E3
Analysis.....	21.53	4.88	6.75	51.58	9.26	6.00	448F
Ful-O-Pep Brand Broiler Mash.....	19.00	4.50	7.00	47.00	.....	.....	1379E5
Analysis.....	21.92	5.62	6.20	49.20	9.91	7.15	449F
Analysis.....	22.23	5.95	6.11	50.29	8.05	7.37	316K
Analysis.....	20.83	5.05	5.51	53.48	8.95	6.18	327S
Quality Feed Company. Houston, Texas.							
Quality Brand Scratch Feed.....	10.20	3.00	3.00	70.00	.....	.....	767A
Analysis ^{d a}	11.07	2.46	1.80	72.26	10.72	1.69	466M
Quality Brand Laying Mash.....	18.50	3.60	7.00	46.00	.....	.....	767B
Analysis ^{d a}	24.40	5.66	6.76	45.59	8.75	8.84	467M
Quality Brand Dairy Feed.....	19.00	4.50	15.00	39.00	.....	.....	767C
Analysis ^{d a}	18.85	5.42	15.09	40.83	10.50	9.31	468M
Quality Feed Store. Waco, Texas.							
Sure-Fine Brand Laying Mash.....	20.00	3.70	7.50	44.00	.....	.....	2002F
Analysis.....	21.28	4.11	5.55	50.37	8.46	10.23	152W
Sure-Fine Brand Chick Mash with Buttermilk.....	15.70	3.50	5.50	53.00	.....	.....	2002J
Analysis ³¹²	18.20	4.85	5.65	55.05	9.28	6.97	338W
Cow's Delight Brand Dairy Feed.....	18.50	3.50	10.70	50.00	.....	.....	2002K
Analysis.....	20.03	4.26	12.59	45.66	9.98	7.48	504W
Sure-Fine Brand Growing Mash.....	17.00	3.50	7.00	50.00	.....	.....	2002N
Analysis ³¹³	17.42	4.15	5.90	54.46	10.02	8.05	435W
Quality Mills. Austin, Texas.							
Shur-Lay Brand Egg Mash.....	18.00	3.50	8.00	45.00	.....	.....	277D
Analysis.....	20.33	5.04	6.41	51.19	8.79	8.24	53H
Analysis ^e	19.57	4.88	6.76	50.71	10.30	7.78	299H
Analysis.....	21.22	5.44	6.27	49.22	9.87	7.98	440H
Pennant Special 5 Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	277N
Analysis ^e	22.31	5.37	7.01	44.58	9.36	11.37	219H
Pennant Special Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	277N
Analysis ^e	22.49	5.97	6.32	45.48	9.80	9.94	439H
Pennant Growing Mash with Charcoal.....	17.60	3.60	7.50	48.50	.....	.....	277S
Analysis ^e	19.80	5.06	6.48	51.35	9.59	7.72	127H
Pennant Growing Mash.....	17.60	3.60	7.50	48.50	.....	.....	277S
Analysis.....	20.05	5.48	5.82	51.32	9.48	7.85	375H
Pennant All-Mash Chick Starter with Charcoal.....	16.50	3.50	6.00	52.00	.....	.....	277W
Analysis.....	19.48	4.97	4.98	54.60	9.57	6.40	126H
Analysis ^e	19.10	4.72	5.00	56.78	8.48	5.92	298H
Austin Maid Laying Mash with Charcoal.....	20.00	3.70	7.20	46.00	.....	.....	277Z
Analysis ^e	22.01	5.47	7.14	45.37	8.77	11.24	220H
Hi-Bred Dairy Feed.....	18.00	3.50	12.00	40.00	.....	.....	277A4
Analysis ^e	18.76	4.92	10.17	48.08	10.80	7.27	128H
Analysis ³¹⁴	19.23	4.58	9.07	47.18	11.07	8.87	438H
Aus-Tex Dairy Feed.....	21.00	3.80	15.00	41.00	.....	.....	277A6
Analysis ³¹⁵	22.14	3.90	10.70	43.66	11.70	7.90	376H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.³¹¹141% protein soybean oil meal and cane molasses claimed, not found.³¹²Deficient in salt.³¹³Ground whole oats found, not claimed.³¹⁴Excess of salt found.³¹⁵Excess of salt found and deficient in ground oyster shell.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Quality Mills,							
Austin, Texas—Continued.							
Pennant Super-Brand Lay Mash with Charcoal.....	21.50	3.50	7.50	44.30	.....	.....	277B8
Analysis ^a	23.00	5.38	6.72	46.95	8.94	9.01	125H
Quanah Cotton Oil Company,							
Quanah, Texas.							
Quanah Sweet Feed.....	11.00	1.60	32.00	37.00	.....	.....	713A
Analysis.....	13.83	1.80	28.52	43.83	7.10	4.92	417K
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	713I
Analysis.....	42.80	6.26	9.76	28.50	5.97	6.71	106K
Analysis.....	43.83	5.75	11.79	26.98	5.87	5.78	145K
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00	.....	.....	713J
Analysis.....	43.94	6.15	9.09	27.04	7.52	6.26	302K
43% Protein Coarsely Ground Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	713P
Analysis ^j	43.74	6.60	10.38	26.63	6.63	6.02	195K
Analysis ^j	43.24	5.65	11.35	28.45	5.74	5.57	200K
Analysis.....	45.92	5.32	10.67	26.87	5.71	5.51	291K
43% Protein Cottonseed Cubes.....	43.00	5.20	12.00	23.00	.....	.....	713S
Analysis.....	44.04	6.46	9.96	27.23	5.85	6.46	110K
Analysis ^{b316}	43.94	5.40	11.99	28.17	4.92	5.58	118K
Analysis.....	43.65	5.30	10.98	26.65	7.90	5.52	294K
Analysis.....	45.83	5.31	11.64	25.04	6.51	5.67	330K
Quincy Soybean Products Company,							
Quincy, Illinois.							
Purity Brand 41% Protein Soybean Oil Meal.....	41.00	5.00	6.00	28.00	.....	.....	1775A
Analysis ^{b317}	43.59	6.44	5.16	27.52	11.77	5.52	224K
Analysis ^{b317}	43.75	6.38	5.27	28.73	10.23	5.64	275K
Analysis ^{b317}	43.97	6.03	5.55	29.19	9.46	5.80	241T
Quinn Fisheries, Wallace M.,							
Pascagoula, Mississippi.							
Quinn's 60% Protein Fish Meal.....	60.00	2.00	1.00	1.00	.....	.....	1439A
Analysis ^a	63.25	4.89	.36	4.80	8.15	18.55	463F
Ralston Purina Company,							
Fort Worth, Texas.							
Purina Chick Growena.....	15.00	3.50	7.00	50.00	.....	.....	346A
Analysis.....	18.76	3.89	5.07	57.14	9.34	5.80	442K
Analysis.....	18.23	4.01	5.39	56.89	9.62	5.86	545W
Purina Broiler Chow.....	18.00	3.50	7.00	46.00	.....	.....	346B
Analysis ^j	20.05	4.71	4.38	54.86	10.05	5.95	387S
Purina Omolene.....	10.00	3.00	10.00	56.00	.....	.....	346C
Analysis.....	12.76	4.74	8.02	59.00	10.72	4.76	519K
Protena 18% Protein Dairy Feed.....	18.00	3.00	13.00	42.00	.....	.....	346F
Analysis.....	20.04	2.87	9.83	46.33	11.80	9.13	414H
Analysis.....	19.90	2.77	9.42	46.25	12.37	9.29	464H
Analysis.....	20.18	3.10	10.25	46.48	9.10	10.89	460K
Analysis.....	18.10	3.44	9.98	47.81	10.10	10.57	77M
Purina Cotton Belt Cow Chow.....	12.00	2.50	12.00	48.00	.....	.....	346I
Analysis.....	15.38	3.21	8.40	53.01	11.48	8.52	244F
Purina Calf Startena.....	19.50	3.00	9.00	43.00	.....	.....	346K
Analysis.....	22.27	3.77	7.71	48.91	9.60	7.74	242K
Purina Chick Startena Checkers.....	18.00	4.00	7.00	46.00	.....	.....	346N
Analysis ^a	21.88	4.73	4.32	53.36	9.20	6.51	313K
Purina Cattle and Sheep Chow.....	12.00	1.50	10.00	50.00	.....	.....	346Q
Analysis.....	14.07	1.96	7.97	59.59	6.15	10.26	7T
Purina Dry and Freshening Chow.....	12.50	2.50	14.00	45.00	.....	.....	346T
Analysis.....	14.43	2.86	12.87	49.21	10.39	10.24	230K

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.³¹⁶Coarsely ground meal.³¹⁷Blank Texas tags attached.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ralston Purina Company.							
Fort Worth, Texas—Continued.							
Purina Chick Startena.....	18.00	4.00	7.00	46.00			346J
Analysis.....	23.10	5.26	4.57	51.51	9.46	6.10	407H
Analysis.....	23.10	4.89	4.22	51.59	10.05	6.15	304K
Analysis.....	22.72	4.98	4.38	52.40	9.60	5.92	247S
Analysis.....	21.98	5.21	4.29	52.84	9.03	6.65	163T
Analysis.....	22.68	4.69	4.31	51.60	10.22	6.50	432W
Purina Sheep Checkers.....	12.00	1.50	8.00	52.00			346B8
Analysis.....	14.02	2.80	4.68	62.53	7.39	8.58	47H
Analysis.....	13.39	2.79	3.80	62.75	8.65	8.62	113H
Analysis.....	13.50	2.73	4.01	63.22	7.65	8.89	126K
Analysis.....	13.74	1.71	6.00	60.65	9.37	8.53	268S
Purina Cattle Checkers.....	12.00	1.50	8.00	52.00			346B9
Analysis.....	13.93	2.56	4.11	63.05	7.53	8.82	73K
Analysis.....	13.33	2.08	6.93	57.54	11.27	8.85	201M
Analysis.....	13.75	1.59	6.19	61.09	8.01	9.37	30S
Purina Lay Chow.....	21.00	4.00	8.00	42.00			346C9
Analysis.....	24.50	5.11	6.46	44.48	9.63	9.82	305K
Analysis.....	23.84	4.55	6.51	45.26	9.88	9.96	212M
Purina Family Flock Chow.....	18.00	3.50	8.00	47.00			346D3
Analysis.....	20.25	4.27	5.71	53.83	8.77	7.17	25K
Analysis.....	20.28	3.99	5.90	52.57	8.49	8.77	90T
Analysis.....	20.60	4.22	6.15	51.62	9.96	7.45	296H
Analysis.....	20.25	4.51	5.70	50.10	9.85	9.59	268W
Fort Worth Brand Purina Bulky-Las Chow.....	9.00	2.00	12.00	54.00			346E1
Analysis.....	12.11	1.65	10.00	56.05	10.95	9.24	155W
Protena 24% Protein Dairy Feed.....	24.00	3.50	12.00	38.00			346E2
Analysis.....	27.51	3.40	7.78	40.49	11.68	9.14	413H
Purina 32% Protein Chowder.....	32.00	4.50	9.00	26.00			346E3
Analysis.....	34.12	6.29	7.54	29.27	8.84	13.94	530W
Purina Texas Cotton Belt Cow Chow.....	12.00	2.50	12.00	48.00			346E4
Analysis.....	15.90	2.30	9.09	49.79	12.53	10.39	465H
Analysis.....	15.60	2.61	10.42	51.18	9.93	10.26	489K
Purina 24% Protein Cow Chow.....	24.00	4.00	11.00	38.00			346E6
Analysis.....	26.38	4.42	9.48	44.15	8.12	7.45	23S
Analysis.....	25.00	4.54	8.65	44.61	9.37	7.83	190H
Purina Steer Fatena.....	12.00	2.00	8.00	54.00			346E7
Analysis.....	14.14	2.74	3.09	63.23	8.15	8.65	272K
Analysis.....	16.45	2.38	4.38	58.95	8.83	9.01	493K
Purina Lay Chow Checkers.....	21.00	4.00	8.00	42.00			346F2
Analysis.....	24.21	5.52	6.88	45.84	8.22	9.33	529K
Purina Layena (All-Mash Laying Feed).....	15.50	3.50	8.00	47.00			346F9
Analysis.....	18.89	4.48	5.62	52.28	10.21	8.52	114H
Purina 20% Protein Cattle Checkers.....	20.00	2.50	8.00	47.00			346G3
Analysis.....	23.13	3.18	4.23	53.17	8.31	7.98	123K
Analysis.....	24.31	3.24	4.37	51.75	8.02	8.31	124K
Analysis.....	22.70	2.92	4.28	52.68	9.65	7.77	125K
Purina 20% Protein Sheep Checkers.....	20.00	2.50	8.00	47.00			346G4
Analysis.....	20.00	2.97	3.99	55.63	8.67	8.74	118S
Analysis.....	22.21	2.95	4.60	52.09	9.85	8.30	467K
Purina Hog Chow Supplement.....	36.00	3.00	14.00	25.00			346G9
Analysis.....	37.74	5.14	9.42	26.64	8.13	12.93	132K
Analysis.....	38.70	5.24	9.62	25.52	7.74	13.18	164W
Purina Turkey Layena Checkers (All-Mash Laying Feed).....	16.50	3.50	8.00	47.00			346H4
Analysis.....	19.51	4.60	5.39	53.42	8.40	8.68	445K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

318Crimped whole oats found, not claimed. 41% protein soybean oil meal, kafir head chop, and milo head chop claimed, not found. Deficient in ground limestone.

319Corn gluten meal found, not claimed.

32041% protein soybean oil meal claimed, not found.

321Excess of salt found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ralston Purina Company, Fort Worth, Texas—Continued.							
Purina Special Broiler Chow.....	18.20	3.50	8.00	46.00	.....	.....	346J3
Analysis.....	21.05	4.92	5.41	53.64	8.51	6.47	138H
Analysis.....	20.74	4.74	5.19	53.46	9.25	6.62	313H
Purina 18% Protein Milk Chow.....	18.00	3.00	12.00	46.00	.....	.....	346J5
Analysis ³²¹	21.44	4.57	8.40	49.47	8.00	8.12	218K
Analysis.....	20.54	3.67	8.72	49.53	10.00	7.54	171M
Purina 20% Protein Cattle and Sheep Chow.....	20.00	2.50	8.00	47.00	.....	.....	346J8
Analysis.....	20.60	2.70	4.68	55.87	9.70	6.45	259S
Purina 20% Protein Cow Chow Supplement.....	20.00	3.00	12.00	43.00	.....	.....	346K1
Analysis ³²²	24.77	3.53	9.13	39.57	12.45	10.55	534W
Randolph-Norman Grain Company, Lamesa, Texas.							
Lamesa-Mix Cow Feed.....	13.00	2.50	17.50	48.00	.....	.....	467D
Analysis.....	14.58	2.52	15.31	49.93	8.22	9.44	429K
Ratliff Feed Store, A. J., Ranger, Texas.							
Our-Own Brand Cow Feed.....	22.00	4.00	12.00	41.00	.....	.....	248A
Analysis.....	21.90	5.23	11.77	46.34	7.93	6.83	76T
Our-Own Brand Egg Mash.....	20.00	3.50	8.00	44.00	.....	.....	248G
Analysis ³²³	21.29	5.94	6.60	46.32	8.56	11.29	308T
Rawlings Storage and Commission Company, Marfa, Texas.							
Wheat Mixed Feed and Screenings...	16.00	3.50	8.50	52.00	.....	.....	1020A
Analysis.....	17.52	3.57	6.31	59.47	8.20	4.93	397S
Ray's Feed Store, Stephenville, Texas.							
Ray's Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	2205A
Analysis ³²⁴	20.60	4.44	7.00	47.57	9.52	10.87	155T
Ray's Hatchery, Wichita Falls, Texas.							
Dairy Feed.....	20.00	3.40	10.00	47.00	.....	.....	2094B
Analysis.....	21.00	3.95	9.22	48.74	10.81	6.28	98T
16% Protein Dairy Feed.....	16.00	3.00	10.50	52.00	.....	.....	2094E
Analysis.....	17.76	3.05	10.73	49.65	12.09	6.72	267T
Reardon Grain & Produce Company, Mason, Texas.							
Reardon's Dairy Feed.....	20.00	4.00	11.00	47.00	.....	.....	2412A
Analysis.....	19.96	4.39	11.47	46.64	10.19	7.35	341S
Reck, Angelo, Mingus, Texas.							
Big Ten Egg Mash with Charcoal....	19.00	3.80	8.00	47.00	.....	.....	797J
Analysis ³²⁵	19.64	4.76	8.09	50.21	9.14	8.16	145T
Red Chain Feed Company, Dallas, Texas.							
Ideal Brand Dairy Feed.....	18.50	4.00	12.00	44.00	.....	.....	582B
Analysis ³²⁶	18.92	6.04	12.97	46.86	7.23	7.98	50T
Ideal Brand Egg Mash with Charcoal....	20.00	3.80	7.50	46.00	.....	.....	582C
Analysis ³²⁶	20.20	5.44	6.91	47.88	7.33	12.21	129W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³²²Deficient in ground limestone.³²³Excess of ground oyster shell and salt found.³²⁴Corn bran found, not claimed.³²⁵Excess of ground oyster shell found.³²⁶Excess of ground oyster shell and salt found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Red River Cotton Oil Company, Inc., Alexandria, Louisiana.							
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	1771A
Analysis ^{b c}	37.90	7.11	12.52	28.85	7.48	6.14	288H
Analysis.....	40.93	6.44	11.12	27.71	7.51	6.29	286M
Analysis.....	40.96	7.20	10.28	28.64	6.23	6.69	290M
Analysis ^{b c}	39.91	6.54	10.10	29.53	7.50	6.42	330M
Analysis.....	41.08	5.43	11.45	27.24	8.55	6.25	421T
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1771B
Analysis.....	41.67	6.24	9.60	29.06	6.95	6.48	1771B
Analysis ^c	40.31	7.20	11.54	28.12	6.38	6.45	342K
Analysis.....	42.94	6.97	9.28	26.48	7.40	6.93	223M
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1771C
Analysis ^{d a b c}	40.25	6.67	10.90	27.87	7.95	6.36	224M
Reed, G. H., Mart, Texas.							
Economy Brand Laying Mash.....	18.50	3.70	5.50	53.00	.....	.....	252A
Analysis ³²⁷	19.44	4.79	4.90	52.67	9.21	8.99	255W
Reed's Baby Chick Starter.....	19.50	3.70	5.00	48.00	.....	.....	252C
Analysis.....	20.58	4.87	2.81	53.68	8.49	9.57	444W
Reuter Seed Company, Inc., San Benito, Texas.							
Reuter's 20% Protein Cow Feed.....	20.00	4.00	17.50	38.50	.....	.....	750C
Analysis ³²⁸	21.87	3.93	16.55	42.40	8.63	6.62	90H
Rhyme Milling Company, Rhyme, Texas.							
No. 1 Brand Egg Mash.....	18.50	4.00	7.00	46.00	.....	.....	12C
Analysis.....	21.50	5.02	5.17	49.18	8.95	10.18	354T
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	12H
Analysis ^k	11.60	4.80	12.11	59.21	8.53	3.75	17T
No. 1 Brand Hen Scratch.....	10.00	3.00	3.00	68.00	.....	.....	12L
Analysis ^a	12.81	2.99	2.93	67.29	12.04	1.94	472T
Rice, E. M., Hereford, Texas.							
Ground Kafir Heads, Stalks, and Stems, and Ground Cane Heads, Stalks, and Stems.....	.....	.....	.....	.....	.....	.....	.....
Analysis ³²⁹	8.73	2.05	17.91	53.14	9.40	8.77	468K
Rice Growers Distributing Company, El Campo, Texas.							
Honey-Lass Brand Rice Hulls, Molasses, Rice Bran, Cottonseed Meal, Screenings, and Salt.....	6.00	1.50	24.00	39.00	.....	.....	837A
Analysis ³³⁰	8.40	2.84	18.76	44.50	11.86	13.64	392M
Sweet Shanghai Brand Rice Hulls, Molasses, Rice Bran, Wheat Bran, Ground Screenings, Corn Chop, Cottonseed Meal, and Salt.....	7.50	2.20	19.00	45.00	.....	.....	837B
Analysis.....	10.63	3.36	11.83	50.72	12.90	10.56	99M
Riceleader Stock Feed.....	13.50	4.00	15.50	41.00	.....	.....	837E
Analysis.....	14.66	5.64	12.77	43.77	12.55	10.61	203M
Rich, B. T., San Saba, Texas.							
Rich's 16% Protein Stock Feed.....	16.00	3.80	11.00	52.00	.....	.....	726B
Analysis.....	16.56	4.13	11.42	53.34	10.04	4.51	316W

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.³²⁷Alfalfa meal found, not claimed.³²⁸Crimped whole oats found, not claimed.³²⁹Custom ground. Not for sale.³³⁰Excess of salt found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Richmond Cotton Oil Company, Inc., Richmond, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1338A
Analysis ^b	41.22	7.01	11.83	28.13	5.69	6.12	16M
Analysis ^b	41.82	7.06	11.28	27.90	5.95	5.99	24M
Analysis ^c	40.90	7.96	11.12	27.91	5.91	6.20	86M
Analysis.....	43.44	7.79	9.81	26.19	6.41	6.36	157M
Riesel Gin Company, Riesel, Texas.							
Ginco Laying Mash.....	19.00	3.50	7.50	46.00	.....	.....	1245A
Analysis.....	21.51	4.96	6.61	46.08	10.01	10.83	253W
Ginco All-Mash Chick Starter.....	16.50	3.50	5.00	54.50	.....	.....	1245B
Analysis.....	18.52	4.89	2.49	58.82	8.58	6.70	443W
Riggs, S. E., Mesquite, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	384A
Analysis.....	7.58	3.02	9.46	68.16	10.12	1.66	127T
Rio Grande Valley Citrus Exchange, Weslaco, Texas.							
Texsun Brand Dried Citrus Peel and Pulp.....	6.00	2.50	11.50	62.00	.....	.....	1899A
Analysis.....	6.40	2.46	12.93	63.12	8.28	6.81	93H
Analysis.....	5.94	2.52	10.62	64.14	9.65	7.13	402H
Analysis ^e	5.81	3.64	11.38	61.99	11.07	6.11	396M
Texsun Brand Ground Dried Citrus Peel and Pulp.....	6.00	2.50	11.50	62.00	.....	.....	1899B
Analysis ³³¹	5.55	1.41	8.15	65.55	10.27	9.07	404H
Texsun Brand Dried Citrus Peel and Pulp with Molasses.....	5.50	1.90	10.50	62.00	.....	.....	1899C
Analysis ^a	5.97	2.23	10.46	62.81	11.56	6.97	153F
Analysis.....	5.11	1.95	8.33	65.46	10.45	8.70	405H
Analysis ^{e332}	5.06	1.75	7.42	63.99	13.75	8.03	K
Rio Grande Valley Cotton Oil Company, Clint, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1078B
Analysis.....	42.82	9.64	8.49	27.29	5.57	6.19	92S
Analysis.....	42.66	8.84	8.89	27.81	5.87	5.93	97S
Analysis ^e	42.05	8.71	10.85	26.06	6.55	5.78	108S
Analysis ^e	42.38	7.89	8.79	28.24	6.55	6.15	181S
R. & M. Feed Store, Bowie, Texas.							
Vitrena Brand All-Mash Chick Startem with Manganese Sulphate.....	16.50	3.50	5.50	52.00	.....	.....	683E
Analysis ^e	19.44	4.45	5.68	55.25	9.41	5.77	270T
Howdy Laying Mash.....	18.00	3.50	7.00	51.00	.....	.....	683G
Analysis.....	20.35	4.66	5.01	54.25	10.23	5.50	269T
Robbins Feed & Grocery Company, Dublin, Texas.							
Shamrock Egg Mash with Charcoal..	20.00	3.60	7.50	50.00	.....	.....	1370A
Analysis.....	21.34	4.80	4.94	52.36	9.44	7.12	151T
Analysis ^e	18.31	4.72	5.33	56.46	8.84	6.34	12W
Shamrock Growing Mash.....	18.00	3.30	9.50	46.00	.....	.....	1370D
Analysis ^{e f i}	18.60	4.82	5.39	55.73	9.26	6.20	74W
Shamrock Growing Mash.....	18.00	3.50	9.50	46.00	.....	.....	1370D
Analysis.....	19.44	5.08	6.62	52.81	9.90	6.15	478W

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.³³¹Registration canceled.³³²Deficient in cane molasses.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Robbins Feed & Grocery Company, Dublin, Texas—Continued.							
Shamrock Special Sweet Feed.....	12.00	2.50	16.00	46.00	.....	.....	1370G
Analysis ³³³	13.95	2.05	15.59	48.04	13.60	6.77	150T
Analysis ³³⁴	14.38	2.87	15.02	48.30	11.81	7.62	179W
Shamrock 9% Protein Sweet Feed.....	9.00	2.00	27.00	43.00	.....	.....	1370I
Analysis ³³⁵	10.19	1.62	19.64	47.12	13.46	7.97	433T
Shamrock All-Mash Starter.....	18.00	4.00	5.50	50.00	.....	.....	1370N
Analysis.....	20.41	5.55	5.07	50.73	9.29	8.95	299W
Ground Wheat.....	12.00	2.00	3.00	70.00	.....	.....	1370R
Analysis ³³⁷	12.62	2.63	5.12	66.38	10.36	2.89	540W
Roberts Seed Company, Farwell, Texas.							
Roberts' Calf and Sheep Cubes.....	12.50	2.50	8.50	55.00	.....	.....	2017B
Analysis ³³⁶	13.68	2.42	6.18	59.75	9.47	8.50	471K
Roberts' 12.50% Protein Stock Feed.....	12.50	2.50	8.50	55.00	.....	.....	2017C
Analysis ³³⁷	12.32	2.80	5.68	62.23	9.33	7.64	470K
Robinson Bros., Austin, Texas.							
Block 5 Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	1647G
Analysis ³³⁸	20.76	5.23	5.43	51.30	9.01	8.27	222H
Block 8 Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	1647G
Analysis.....	21.71	5.12	5.77	47.56	9.63	10.21	444H
Robinson Bros.' All-Mash Laying Feed.....	17.00	3.50	6.40	51.00	.....	.....	1647M
Analysis.....	20.23	4.60	5.09	52.31	9.65	8.12	221H
Analysis.....	20.39	4.30	4.66	53.62	9.31	7.72	380H
Robinson's Dairy Mix.....	15.00	3.00	16.00	46.00	.....	.....	1647N
Analysis.....	15.08	3.29	15.06	48.32	11.33	6.92	302H
Analysis.....	14.64	3.69	12.88	49.32	9.51	9.96	443H
Analysis ³³⁸	16.00	3.40	8.57	54.09	10.78	7.16	472H
Roddy Milling Company, Corpus Christi, Texas.							
Roddy's Egg Mash.....	20.00	3.50	7.00	45.50	.....	.....	2627F
Analysis.....	18.81	5.08	4.68	53.63	9.70	8.10	82H
Analysis.....	19.20	4.94	4.80	54.22	9.76	7.08	394H
Kremo Dairy Feed.....	17.00	3.00	13.00	47.50	.....	.....	2627I
Analysis ³³⁹	18.00	3.68	7.32	52.11	12.03	6.86	83H
Analysis.....	17.90	3.60	6.91	52.89	12.90	5.80	256H
Roddy's Milo Head Chop and Molasses.....	7.00	2.00	7.00	65.00	.....	.....	2627L
Analysis.....	7.50	.80	8.90	58.57	17.78	6.45	393H
Roddy's Sweet Feed.....	14.00	2.00	15.00	52.00	.....	.....	2627P
Analysis ³³⁹	15.50	1.89	11.11	55.87	9.78	5.94	44H
Rodgers, Major H., Levelland, Texas.							
Laymore Brand Egg Mash.....	18.00	3.60	8.00	46.50	.....	.....	1766K
Analysis.....	19.64	4.70	5.27	52.24	9.25	8.90	349K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³³³Excess of salt found. Deficient in ground limestone.³³⁴Deficient in ground limestone.³³⁵Raw bone meal claimed, not found. Deficient in ground limestone.³³⁶Short in weight. Even-weighted to 100 lbs. net and sale resumed.³³⁷Defaced tags attached. Short in weight. Returned to manufacturer and exchanged for other feed.³³⁸Excess of ground oyster shell found.³³⁹Rice bran and ground whole oats found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Rodney Milling Company, Kansas City, Missouri.							
Jersey Wheat Gray Shorts and Screenings.....	17.00	3.50	6.00	55.00	.....	.....	1926A
Analysis ^b ³⁴⁰	19.22	4.28	7.22	55.24	9.52	4.52	32F
Analysis.....	19.02	4.13	5.87	57.04	9.74	4.20	42T
Wheat Bran.....	14.50	3.00	10.00	50.00	.....	.....	1926C
Analysis ^a	17.56	3.99	7.87	53.95	10.12	6.51	413F
Roegelien Packing Company, Inc., San Antonio, Texas.							
Roegelien Big R Brand 55% Protein Meat Scraps.....	55.00	6.00	3.00	0.00	.....	.....	60A
Analysis ^c	51.91	12.81	1.75	.07	6.01	27.45	227H
Roegelien Big R Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	60A
Analysis.....	52.16	10.35	1.66	.53	5.59	29.71	358H
Rogers, Ben, Gainesville, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1556A
Analysis.....	13.51	5.28	10.24	55.84	11.03	4.10	208T
Rogers Grain Company, Inc., Houston, Texas.							
Rogers' Triple XXX Growing Mash.....	15.00	3.50	6.60	51.00	.....	.....	850E
Analysis.....	17.32	4.79	4.81	56.58	10.64	5.86	404M
Rogers' Dairy Feed.....	17.50	3.80	12.00	48.00	.....	.....	850F
Analysis ³⁴¹	18.40	4.22	13.15	44.07	9.69	10.47	136M
Rosebud Oil & Cotton Company, Rosebud, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	226C
Analysis.....	43.00	5.49	11.59	27.80	6.61	5.51	94W
Analysis.....	44.33	5.98	10.05	27.53	6.33	5.78	109W
Analysis.....	44.51	5.74	10.46	26.95	6.89	5.45	204W
Analysis ^c	41.85	5.67	12.85	26.90	7.39	5.34	301W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	226D
Analysis.....	43.64	6.09	11.10	28.06	5.50	5.61	21W
Analysis.....	42.65	5.20	11.21	27.15	8.21	5.58	191W
Rose City Feed Mill, Tyler, Texas.							
Rose City 24% Protein Dairy Feed.....	24.00	4.50	11.50	39.50	.....	.....	1908A
Analysis.....	26.00	6.65	10.97	39.79	8.74	7.85	251F
Big Five Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	1908C
Analysis.....	21.99	4.96	8.24	45.73	7.47	11.61	6F
Analysis.....	22.74	5.38	5.51	46.89	8.97	10.51	407F
Rose City Hog and Pig Feed.....	15.50	3.00	8.00	52.00	.....	.....	1908D
Analysis.....	16.74	5.58	5.22	57.43	9.70	5.33	409F
Rose City Chick Starting Mash.....	17.00	3.50	5.50	53.00	.....	.....	1908E
Analysis.....	18.76	4.62	5.28	54.48	9.19	7.67	408F
Rose City Growing Mash.....	16.00	3.50	7.00	51.50	.....	.....	1908F
Analysis.....	17.37	4.36	6.57	55.14	8.38	8.18	7F
18% Protein Dairy Feed.....	18.00	4.20	11.00	48.00	.....	.....	1908H
Analysis.....	20.22	5.72	9.87	49.19	9.10	5.90	410F
Ruhmann Grain & Seed Company, Waco, Texas.							
Texas Queen Brand Turkey Starting Mash.....	24.00	4.00	6.00	41.00	.....	.....	1640G
Analysis.....	26.58	5.39	4.31	44.41	8.08	11.23	439W

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.³⁴⁰Wheat brown shorts and screenings.³⁴¹Rice bran found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ruhmann Grain & Seed Company, Waco, Texas—Continued.							
Texas Queen Brand 20% Protein Laying Mash with Minerals.....	20.00	4.00	7.00	46.00	.....	.....	1640P
Analysis ^a	21.25	4.83	6.06	52.60	7.87	7.39	2W
Texas Queen Brand 17% Protein Starting Mash with Minerals.....	17.00	4.00	6.00	45.00	.....	.....	1640S
Analysis ^a	19.37	4.88	4.45	53.81	9.42	8.07	242W
Texas Queen Brand Horse and Mule Feed.....	9.00	3.40	8.00	60.00	.....	.....	1640A1
Analysis.....	10.95	4.21	7.15	62.04	11.15	4.50	357W
Radio Egg-Producer with Charcoal and Minerals.....	20.00	3.50	7.00	44.60	.....	.....	1640A3
Analysis ^a	20.88	5.15	6.90	47.01	9.35	10.71	328W
Texas Queen Brand Milk-Maker Cow Feed.....	18.00	3.50	9.00	46.00	.....	.....	1640A4
Analysis ³⁴²	17.63	3.06	8.36	51.45	11.21	8.29	135W
Analysis.....	17.58	2.92	8.06	50.67	11.99	8.78	425W
Radio Brand Sweet Feed.....	9.00	2.30	9.00	58.50	.....	.....	1640B4
Analysis.....	8.70	1.74	9.79	60.29	11.34	8.14	26W
Analysis ^a	11.01	1.53	9.41	56.48	13.09	8.48	208W
Rule Cotton Oil Mill, Rule, Texas.							
Chuck Wagon Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	702B
Analysis ^a	42.35	7.10	11.80	27.57	5.70	5.48	56K
Analysis ^a	42.11	7.25	11.32	26.49	7.15	5.68	65S
Analysis ^a	40.88	6.11	12.43	27.49	7.65	5.44	224S
Rule-Jayton Cotton Oil Company, Stamford, Texas, and Branches.							
Ruco Mixed Feed No. 1.....	13.50	2.00	36.00	36.00	.....	.....	986A
Analysis.....	14.14	2.45	37.55	35.65	6.66	3.55	543K
Ryde & Company, Chicago, Illinois.							
Ryde's Alternate Feed.....	32.00	3.50	3.50	45.00	.....	.....	895A
Analysis.....	36.00	3.99	3.67	44.44	7.32	4.58	895A
Analysis ^{d a}	37.29	3.60	3.15	42.75	9.12	4.09	131T
Saginaw Mills, Saginaw, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2439F
Analysis.....	8.88	2.86	12.16	63.39	10.90	1.81	445T
Saint & Company, Inc., Houston, Texas.							
Egmaka Brand Mixed Chicken Feed.....	10.00	2.80	3.80	68.00	.....	.....	2275A
Analysis.....	10.76	2.90	1.98	71.09	11.97	1.30	245M
Royal King Brand Dairy Feed.....	16.00	4.20	12.00	42.00	.....	.....	2275C
Analysis.....	16.48	4.73	11.80	43.76	12.41	10.82	189M
Rice Hulls, Rice Bran, Molasses, Alfalfa Stem Meal, Corn Chop, and Salt.....	6.30	2.60	21.50	43.00	.....	.....	2275I
Analysis.....	5.69	1.61	19.33	46.38	13.41	13.58	244M
Egmaka Brand Hen Hash with Charcoal.....	18.00	3.50	8.00	44.50	.....	.....	2275R
Analysis ³⁴³	18.42	5.04	6.19	51.92	10.31	8.12	188M
Egmaka Brand Laying Mash.....	18.00	3.50	8.00	44.50	.....	.....	2275R
Analysis.....	19.78	4.25	6.04	49.71	9.60	10.62	399M

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.³⁴²Deficient in ground limestone.³⁴³Carbonate of lime found, not claimed.

**Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939,
to August 31, 1940—Continued**
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Saint & Company, Inc., Houston, Texas—Continued.							
Life-Saver Brand Laying Mash with Manganese Sulphate.....	20.00	3.70	6.00	45.00	.....	.....	2275Y
Analysis ³⁴⁴	20.84	5.54	6.16	47.87	9.13	10.46	130M
Mother Goose Brand Laying Mash with Buttermilk.....	18.00	4.00	6.50	47.00	.....	.....	2275A4
Analysis ³⁴⁵	15.65	4.40	7.46	55.81	9.75	6.93	398M
Alfalfa Stem Meal, Molasses, and Salt.....	9.00	1.00	27.00	46.00	.....	.....	2275B2
Analysis.....	9.30	.66	22.18	44.38	14.44	9.04	180M
Life-Saver Brand 24% Protein Dairy Feed.....	24.00	3.80	12.00	40.00	.....	.....	2275C3
Analysis.....	22.90	3.83	8.94	44.53	11.60	8.20	129M
San Antonio Oil Works, San Antonio, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	930E
Analysis.....	42.72	6.00	11.45	26.65	7.67	5.51	108H
Analysis.....	42.73	5.68	12.87	26.17	7.22	5.33	202H
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	930F
Analysis.....	44.95	5.99	11.03	27.17	5.05	5.81	38H
Analysis.....	44.17	5.56	11.65	27.18	5.74	5.70	43S
Sanger Mill & Elevator Company, Sanger, Texas.							
Wheat Gray Shorts and Screenings...	16.00	4.00	6.00	55.00	.....	.....	651F
Analysis.....	16.35	2.97	4.17	64.49	9.07	2.95	3F
Analysis.....	17.70	3.63	5.65	60.25	9.38	3.39	84F
Analysis ³⁴⁶	17.00	3.76	5.44	61.66	8.60	3.54	91F
Analysis.....	17.44	3.65	5.60	60.13	9.76	3.42	150F
Analysis ³⁴⁶	17.08	3.70	6.12	58.58	10.81	3.71	258F
Analysis ³⁴⁶	16.92	4.08	5.37	59.59	10.25	3.79	211T
Wheat Gray Shorts, Corn Meal, and Screenings.....	16.00	3.70	6.00	58.00	.....	.....	651K
Analysis.....	17.50	3.35	4.76	60.68	10.56	3.15	327T
Blue B Chicken Mash.....	17.00	3.60	7.50	52.00	.....	.....	651P
Analysis ³⁴⁷	16.17	4.18	4.42	63.84	7.90	3.49	85F
Analysis ³⁴⁸	16.81	3.76	4.94	59.72	9.62	5.15	105T
San Marcos Oil Mill, San Marcos, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	528I
Analysis.....	43.01	6.85	9.00	27.11	7.80	6.23	123H
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	528J
Analysis.....	43.28	7.21	9.76	27.19	6.09	6.47	49H
Analysis.....	45.16	6.96	8.03	27.00	6.45	6.40	104H
San Saba Hatchery, San Saba, Texas.							
2-in-1 Cow Feed.....	22.50	3.50	11.50	44.00	.....	.....	424A
Analysis ^j	25.22	4.56	9.48	44.53	10.71	5.50	400W
Santos Products Company, Eagle Pass, Texas.							
Santos Dairy Mixed Feed.....	18.50	5.00	12.50	42.50	.....	.....	450B
Analysis.....	20.39	7.32	9.80	49.33	7.33	5.83	434H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁴⁴Excess of ground oyster shell found.

³⁴⁵Deficient in ground limestone.

³⁴⁶Corn meal present.

³⁴⁷Alfalfa meal claimed, not found.

³⁴⁸Wheat bran found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Sayers & Son, Houston, Texas.							
Hearty Brand 19% Protein Dairy Feed.....	19.00	3.50	12.00	46.00	10.25	8.93	1494A
Analysis.....	19.80	5.04	10.96	45.02			371M
Scaff, A. J., Commerce, Texas.							
Scaff's Egg Laying Mash.....	21.00	4.00	6.50	45.00			2124C
Analysis.....	21.62	5.08	5.20	46.81	9.79	11.50	288F
Schaub, G. P., Gatesville, Texas.							
Hi-Tex Chick Starter with Charcoal..	16.00	3.60	6.00	55.00			1702F
Analysis.....	18.16	4.81	5.33	54.94	9.91	6.85	306W
Hi-Tex Growing Mash.....	17.50	3.60	7.50	48.00			1702H
Analysis.....	19.26	4.05	6.93	50.79	9.38	9.59	481W
Schulenburg Oil Mill, Schulenburg, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			404B
Analysis.....	43.35	5.96	10.52	26.51	8.02	5.64	456H
Schumacher Oil Works, The H., Navasota, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00			803C
Analysis.....	42.80	5.65	10.38	29.31	6.28	5.58	6M
Analysis.....	43.19	5.87	10.25	27.86	6.82	6.01	52M
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00			803D
Analysis.....	43.30	6.24	10.59	25.59	7.00	7.28	82W
Schuster Commission Company, El Paso, Texas.							
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00			1368F
Analysis ^{d a}	18.99	5.55	5.49	55.32	10.07	4.58	105S
Scott Bros. Grain Company, Inc., Fort Worth, Texas.							
Cackelo Starter with Charcoal and Manganese Sulphate.....	17.00	3.50	5.00	56.00			69Q
Analysis.....	17.10	4.16	4.69	55.65	12.36	6.04	346S
Analysis ^{e349}	17.87	3.92	4.30	58.56	9.30	6.05	249T
Cackelo Starter.....	17.00	3.50	5.00	56.00			69Q
Analysis.....	17.86	3.90	4.57	58.44	9.29	5.94	382T
Sunny South Egg Mash.....	18.00	3.50	6.30	48.00			69V
Analysis ^f	20.31	4.94	4.64	51.49	9.58	9.04	297W
Cackelo All-Mash Starter.....	18.00	4.50	5.00	58.00			69B8
Analysis ³⁵⁰	19.44	4.65	4.53	50.70	13.60	7.08	477W
Bulkelo Special Sweet Feed.....	9.00	2.00	17.00	52.00			69B9
Analysis ³⁵¹	13.43	2.45	12.95	49.32	11.19	10.66	195M
Cackelo 36% Protein Supplement.....	36.00	5.00	6.00	24.00			69C2
Analysis ³⁵²	38.01	5.66	5.75	27.45	7.15	15.98	279S
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00			69C8
Analysis ^e	50.30	13.94	1.75	3.15	5.20	25.66	69C8
Longhorn Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00			69C8
Analysis ^{f k353}	47.39	10.09	1.89	2.04	6.18	32.41	456T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.³⁴⁹41% protein soybean oil meal and raw bone meal claimed, not found.³⁵⁰41% protein soybean oil meal claimed, not found.³⁵¹Ground limestone found, not claimed.³⁵²34% protein linseed meal claimed, not found.³⁵³Replaced with other feed. Amount returned blended with high-protein product.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939,
to August 31, 1940—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Scott Mill & Elevator Company, Jno. R., Childress, Texas.							
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	921D
Analysis.....	17.56	2.00	18.51	38.97	8.68	14.28	484K
Sealy Oil Mill & Manufacturing Company, Sealy, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1449C
Analysis.....	43.57	6.05	10.72	28.05	6.14	5.47	5M
Analysis ^b	41.94	6.62	11.28	27.85	7.03	5.28	159M
Seguin Cotton Oil Company, The, Seguin, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	673A
Analysis.....	43.17	6.81	10.09	26.86	7.37	5.70	135H
Analysis.....	43.76	6.95	10.43	26.67	6.37	5.82	217H
Analysis.....	44.16	6.85	10.11	25.48	7.55	5.85	304H
43% Protein Screened Cracked Cot- tonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	673B
Analysis.....	44.60	7.38	9.59	25.62	6.89	5.92	218H
Seguin Milling Company, Seguin, Texas.							
Five X Laying Mash.....	20.50	3.80	7.50	46.00	.....	.....	103D
Analysis.....	19.52	4.47	8.38	48.03	9.70	9.90	121H
Analysis.....	21.68	4.22	7.31	46.05	9.55	11.19	229H
Corn Bran.....	8.00	5.00	12.00	60.00	.....	.....	103H
Analysis ^a	11.47	9.29	8.88	58.49	8.97	2.90	110H
White House 24% Protein Dairy Feed	24.00	3.70	11.50	41.00	.....	.....	103T
Analysis ³⁵⁴	24.07	4.40	9.61	43.85	10.16	7.91	308H
Wheat Gray Shorts and Screenings...	16.50	3.50	6.00	55.00	.....	.....	103V
Analysis.....	18.13	4.40	5.45	56.46	11.69	3.87	122H
Analysis.....	18.94	4.28	5.51	56.44	10.81	4.02	455H
White House All-Mash Chick Starter	17.00	4.00	5.00	52.00	.....	.....	103X
Analysis.....	19.10	5.00	5.40	51.11	9.96	9.43	367H
White House Growing Mash with Buttermilk and Cod Liver Oil.....	16.00	3.50	6.00	54.00	.....	.....	103Y
Analysis.....	17.73	4.66	5.03	53.90	9.93	8.75	368H
Economy Brand Dairy Feed.....	18.00	3.20	13.00	45.50	.....	.....	103A3
Analysis.....	18.20	3.06	9.40	47.70	11.87	9.77	117H
Analysis.....	19.80	3.80	8.39	48.97	10.80	8.24	332H
Economy Brand Five Laying Mash...	19.00	3.50	7.50	46.00	.....	.....	103B6
Analysis.....	19.00	4.30	8.11	48.36	9.37	10.86	147H
Analysis.....	19.60	4.37	7.92	48.17	9.10	10.84	230H
Analysis.....	20.15	4.33	6.50	49.16	8.25	11.61	433H
Texas Cowboy Sweet Feed.....	9.00	2.00	14.00	50.00	.....	.....	103C3
Analysis.....	11.79	2.02	8.72	55.55	11.39	10.53	48H
Analysis.....	10.00	1.50	12.06	54.69	12.54	9.21	331H
Analysis.....	10.87	2.53	8.88	56.13	11.00	10.59	415H
Analysis ³⁵⁵	10.12	2.31	7.08	59.30	12.31	8.88	389M
Alamo Mixed Feed.....	9.00	3.00	8.00	58.00	.....	.....	103D2
Analysis.....	11.19	3.33	4.52	60.24	12.56	8.16	136H
White House Laying Mash with But- termilk and Cod Liver Oil.....	20.00	3.70	6.50	47.00	.....	.....	103D3
Analysis ³⁵⁶	20.70	4.33	6.23	48.01	9.10	11.63	432H
Dairy-Lass Brand Cow Feed.....	11.00	2.20	12.50	48.00	.....	.....	103D4
Analysis.....	13.05	2.10	8.35	54.13	12.89	9.48	395H
White House Cattle Feed Pellets....	16.00	3.00	7.00	52.50	.....	.....	103E3
Analysis ^a	19.94	3.49	5.46	55.72	8.19	7.20	311H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁵⁴Deficient in ground limestone.

³⁵⁵Excess of salt found.

³⁵⁶Pulverized wheat bran claimed, unground wheat bran found. Deficient in 41% protein soybean oil meal.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Seguin Milling Company, Seguin, Texas—Continued.							
White House Sheep Feed Pellets.....	16.00	3.00	7.00	52.50	.....	.....	103E4
Analysis ^{a 357}	15.69	2.44	9.04	58.21	7.47	7.15	310H
White House Sheep Feed Cubes.....	16.00	3.00	7.00	52.50	.....	.....	103E4
Analysis.....	18.55	3.74	5.48	54.68	10.07	7.48	360H
Economy Brand Cattle Feed Cubes..	12.00	2.50	8.00	54.00	.....	.....	103E5
Analysis.....	15.35	3.28	6.72	56.35	10.25	8.05	361H
Self, Thos., Crockett, Texas.							
Cottonseed Hulls and Cottonseed Meal.....	11.80	1.70	38.00	36.00	.....	.....	2676A
Analysis.....	12.14	2.75	38.53	36.17	7.15	3.26	43F
Senterfitt Grocery Company, Lampasas, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1408A
Analysis ^{d a}	12.60	5.76	8.59	59.72	9.74	3.59	405W
Serv-Us Feed Mills, Fort Worth, Texas.							
Serv-Us Egg Mash with Charcoal....	19.50	3.70	6.50	48.50	.....	.....	2404F
Analysis ^e	19.90	4.90	5.82	52.02	9.28	8.08	290T
Serv-Us Egg Mash.....	19.50	3.70	6.50	48.50	.....	.....	2404F
Analysis.....	20.88	5.12	6.01	49.40	9.66	8.93	458T
Serv-Us Dairy Feed No. F with Cod Liver Oil.....	20.50	4.00	12.50	43.00	.....	.....	2404A6
Analysis.....	21.30	4.60	11.10	47.12	9.95	5.93	289T
Seymour Mill, Seymour, Texas.							
Seymour Pride Brand Laying Mash..	18.00	3.50	6.50	47.50	.....	.....	1566A
Analysis.....	20.41	4.25	6.08	48.61	9.60	11.05	299S
Shafer-Haggart, Ltd., Vancouver, Canada.							
"Four Star" Brand 72% Protein Herring Meal.....	72.00	5.00	1.00	1.00	.....	.....	671A
Analysis.....	73.21	6.26	.31	.01	7.54	12.67	341M
Sharp Grain Company, LaPorte, Texas.							
Sharp's Special Cow Feed.....	17.00	3.80	14.00	44.00	.....	.....	2294A
Analysis.....	17.80	5.90	11.96	46.73	10.82	6.79	272M
Sharp's Special Scratch Grains.....	10.20	2.70	3.00	70.00	.....	.....	2294C
Analysis ^k	11.02	2.71	1.73	72.14	11.10	1.30	274M
Sharp's Big 8 Laying Mash.....	19.00	3.60	8.00	45.00	.....	.....	2294D
Analysis.....	20.25	4.98	5.50	48.43	10.31	10.53	450M
Sharp's Special Horse and Mule Feed.	10.00	2.50	14.00	59.00	.....	.....	2294G
Analysis ³⁵⁸	10.60	3.43	10.69	56.84	12.30	6.14	451M
Sharp's Big 11 Laying Mash.....	19.00	3.80	6.50	46.00	.....	.....	2294H
Analysis.....	21.38	5.02	4.93	49.73	9.60	9.34	449M
Sharp's Special Broiler Mash.....	17.50	3.60	6.00	50.00	.....	.....	2294I
Analysis.....	20.03	4.11	6.05	52.97	9.16	7.68	222M
Sharp's Special Dry Cow Feed.....	11.50	3.60	16.00	46.50	.....	.....	2294J
Analysis.....	13.44	4.76	12.76	48.62	12.92	7.50	273M
Sharp's Special Growing Mash.....	17.00	3.70	6.00	51.00	.....	.....	2294K
Analysis.....	18.27	5.25	5.64	52.96	9.92	7.96	23M

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.³⁵⁷In cube form.³⁵⁸Rice bran found, not claimed. Excess of salt found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Sharp Grain Company, LaPorte, Texas—Continued.							
Rice Hulls, Peanut Hulls, Molasses, Corn Chop, Alfalfa Stem Meal, Cottonseed Meal, Oyster Shell, and Salt.....	7.00	1.30	30.00	38.50			2294M
Analysis ³⁵⁹	8.23	1.14	24.26	42.09	12.17	12.11	448M
Shawnee Milling Company, Shawnee, Oklahoma.							
Wheat Gray Shorts and Screenings...	16.00	3.50	6.00	55.00			670D
Analysis.....	16.29	3.67	4.84	61.06	11.17	2.97	50F
Analysis.....	17.68	4.18	5.47	58.36	10.59	3.72	445H
Analysis ³⁶⁰	18.46	3.79	6.41	57.12	9.90	4.32	158K
Analysis.....	17.75	4.03	4.68	59.27	10.55	3.72	501K
Analysis.....	16.48	3.55	5.64	58.65	11.89	3.79	249M
Analysis.....	17.43	3.78	5.35	58.41	11.43	3.60	488W
Climax Chick Starter.....	17.50	4.00	6.00	51.00			670K
Analysis.....	19.47	4.30	4.84	54.88	9.50	7.01	367W
Red Ball Dairy Feed.....	15.00	3.00	14.50	49.00			670S
Analysis.....	16.27	3.34	10.50	52.84	9.98	7.07	237W
Climax Egg Mash.....	19.00	4.00	7.50	48.00			670A1
Analysis.....	19.62	4.49	6.49	54.60	8.15	6.65	41K
More-Milk Brand Dairy Feed.....	20.00	4.00	12.00	46.00			670A4
Analysis.....	21.85	5.07	10.55	48.47	8.48	5.58	217K
Full-Bucket Brand Cow Feed.....	9.00	1.50	27.00	36.00			670A5
Analysis ³⁶¹	9.47	1.13	22.39	41.87	9.03	16.11	527K
Shawnee Laying Mash.....	18.00	4.50	8.00	57.00			670B2
Analysis.....	20.00	4.68	7.07	50.24	9.30	8.71	324H
Analysis.....	19.23	4.51	7.85	49.68	10.73	8.00	430F
Analysis.....	19.89	4.60	8.11	49.37	9.84	8.19	487W
Climax All-Mash Starting and Growing Ration.....	17.00	4.20	6.00	55.00			670B8
Analysis.....	19.02	4.30	5.49	54.72	9.25	7.22	403K
Analysis.....	18.65	4.22	5.66	53.34	11.39	6.74	429F
Shawnee Laying Mash Pellets.....	18.00	4.00	8.00	49.00			670C6
Analysis.....	18.10	4.27	6.37	52.44	9.27	9.55	152H
Analysis.....	20.10	4.11	5.44	50.27	10.29	9.79	250M
Shearn Feed Company, Chas. P., Houston, Texas.							
Sun-Grown Brand Growing Mash....	17.00	4.00	5.50	52.00			2069D
Analysis.....	17.62	5.93	6.31	53.32	10.63	6.19	231M
Sun-Grown Brand Big 5 Laying Mash	20.50	3.50	7.40	44.60			2069H
Analysis.....	17.45	5.18	6.19	53.94	10.45	6.79	232M
Corn Feed Meal.....	8.00	3.00	3.00	67.00			2069I
Analysis.....	8.80	5.75	2.03	69.08	12.49	1.85	408M
Corn Chop.....	9.00	3.50	3.00	70.00			2069J
Analysis.....	10.90	2.17	1.75	74.81	9.18	1.19	299M
Shiner Farmers Co-Op. Gin & Mill Association, Shiner, Texas.							
Prosperity Brand Egg Mash.....	20.50	3.50	7.40	44.60			856C
Analysis.....	22.26	5.32	6.51	45.92	9.20	10.79	63H
Analysis.....	21.85	5.68	5.55	47.22	8.92	10.78	431H
Prosperity Brand Growing Mash....	16.50	3.60	8.00	50.00			856D
Analysis.....	18.52	4.65	6.82	52.91	10.40	6.70	364H
Prosperity Brand Starting Mash.....	15.50	3.50	6.00	52.00			856E
Analysis.....	18.35	5.03	5.39	55.83	9.39	6.01	321H
Shiner Community Laying Mash....	19.50	3.70	7.00	48.00			856F
Analysis.....	21.00	4.75	5.66	51.46	9.45	7.68	322H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁵⁹Excess of salt found.³⁶⁰Wheat brown shorts and screenings.³⁶¹Corn present, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Shiner Oil Mill & Manufacturing Company, Shiner, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	267F
Analysis.....	42.32	6.06	11.63	26.79	7.77	5.43	65H
Analysis <i>c</i>	41.03	5.88	11.71	27.43	8.64	5.31	238H
Shreveport Grain & Elevator Company, Shreveport, Louisiana.							
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	1017E
Analysis.....	11.09	7.73	6.74	62.90	8.35	3.19	A
Siebel, L. W., Carmine, Texas.							
Siebel's Special Lay Mash.....	20.50	3.50	7.40	44.60	.....	.....	2005F
Analysis.....	21.02	5.63	6.07	45.80	10.06	11.42	153M
Siebel's Special Growing Mash.....	16.00	3.30	6.50	60.00	.....	.....	2003L
Analysis.....	17.84	3.90	5.61	53.52	10.45	8.68	416M
Simmonds & Perry, Robstown, Texas.							
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	2157A
Analysis.....	28.00	8.67	21.84	29.80	7.57	4.12	307H
Simpson's Mill & Feed Store, Clarendon, Texas.							
Milo Head Chop and Molasses.....	7.50	2.00	7.50	65.00	.....	.....	1676O
Analysis.....	9.85	2.98	6.19	69.60	7.39	3.99	40K
Skinner, L. A., Alba, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2264A
Analysis.....	7.60	2.71	13.24	64.41	10.14	1.90	353F
Analysis <i>a</i>	8.06	3.34	10.51	65.35	10.79	1.95	436F
Slaughter Feed Company, Dallas, Texas.							
Four Seasons Egg Mash with Charcoal.....	18.50	3.60	7.00	50.00	.....	.....	1482B
Analysis <i>e</i>	19.54	4.48	6.18	53.54	9.10	7.16	69T
Slaughter's Special Cow Feed.....	17.00	3.20	10.00	48.00	.....	.....	1482E
Analysis.....	18.38	4.09	9.85	50.15	9.78	7.75	70T
Sleeper, J. L., Waco, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2389C
Analysis.....	7.02	3.02	9.51	67.01	11.35	2.09	146W
Diamond X Chick Starter.....	17.00	3.50	5.50	55.00	.....	.....	2389U
Analysis.....	17.20	4.58	4.32	56.57	9.35	7.98	246W
Diamond X Egg Mash.....	18.00	3.50	6.00	49.00	.....	.....	2389V
Analysis.....	18.00	4.19	4.72	53.41	10.32	9.36	245W
Diamond X Growing Mash.....	15.00	3.50	6.50	51.00	.....	.....	2389W
Analysis ³⁶²	17.35	4.60	5.45	54.90	9.80	7.90	337W
Small Company, Inc., The W. J., Neodesha, Kansas.							
Small's Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	35.00	.....	.....	882B
Analysis <i>b k j</i>	21.75	3.34	18.74	38.84	5.52	11.81	425H
Analysis <i>b k</i>	20.12	2.62	21.97	37.03	7.79	10.47	420T
Small's 17% Protein Dehydrated Alfalfa Meal.....	17.00	1.70	27.00	35.00	.....	.....	882E
Analysis <i>k j</i>	19.17	2.91	22.31	37.10	7.48	11.03	506W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.³⁶²Deficient in ground oyster shell.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Smith Milling Company, G. B. R., Sherman, Texas.							
Smith's Best Laying Mash.....	18.00	3.50	6.00	49.00	.....	.....	1007J
Analysis.....	19.80	4.80	4.92	52.14	9.31	9.03	188T
Analysis ³⁶³	19.94	4.45	4.67	52.69	9.25	9.00	333W
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	1007V
Analysis ³⁶⁴	18.96	4.32	6.39	53.27	12.56	4.50	121F
Analysis.....	19.07	4.50	6.22	54.53	11.23	4.45	182F
Analysis.....	19.12	4.42	5.19	54.97	11.78	4.52	388F
Analysis ³⁶⁴	18.00	4.33	6.44	56.79	9.95	4.49	138K
Analysis.....	17.62	4.52	7.12	53.54	12.40	4.80	233T
Analysis.....	18.55	3.92	4.47	57.78	11.76	3.52	414W
Smith's Hatchery & Feed Store, El Paso, Texas.							
Red Star Chick Starter with Charcoal.....	17.00	4.50	5.00	54.00	.....	.....	620C
Analysis.....	19.96	4.94	2.93	56.12	9.09	6.96	330S
Red Star Growing Mash.....	18.50	3.60	5.00	49.00	.....	.....	620D
Analysis.....	19.55	5.36	4.86	52.95	8.94	8.34	395S
Blue Star Egg Mash.....	20.00	3.80	6.50	46.00	.....	.....	620E
Analysis.....	23.16	5.57	6.10	49.80	8.03	7.34	478S
Smith's Red Star Dairy Feed with Charcoal.....	15.00	3.00	8.50	50.00	.....	.....	620G
Analysis.....	17.40	4.67	7.09	55.72	9.20	5.92	106S
Blue Star Growing Mash.....	18.00	3.80	6.10	51.00	.....	.....	620H
Analysis ³⁶⁵	21.95	4.68	6.19	52.15	6.63	8.40	443S
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	620L
Analysis.....	17.70	5.16	5.97	56.61	10.37	4.19	29S
Smith's Red Star Laying Mash with Charcoal.....	19.30	4.00	6.70	45.50	.....	.....	620M
Analysis.....	21.48	5.66	5.79	49.36	8.33	9.38	242S
Red Star Broiler Mash.....	17.00	3.50	5.00	52.00	.....	.....	620A2
Analysis ³⁶⁶	22.96	5.26	2.89	53.35	8.52	7.02	480S
Smith's 4 Star Egg Mash.....	19.50	3.50	7.00	50.00	.....	.....	620B4
Analysis ³⁶⁷	20.35	3.60	5.68	52.51	10.20	7.66	396S
Smithville Oil Mill Company, Smithville, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	448C
Analysis.....	42.25	7.41	11.13	26.75	6.73	5.73	132H
Analysis.....	43.19	7.27	10.25	26.01	7.71	5.57	382H
Analysis.....	42.54	8.40	10.08	27.14	6.02	5.82	41S
Analysis ³⁶⁸	41.87	7.28	10.89	27.08	7.21	5.67	190S
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	448D
Analysis.....	44.20	7.00	9.01	27.04	6.72	6.03	37S
Analysis.....	42.76	7.22	10.38	26.52	7.30	5.82	192S
Smyth Grain Company, Ray, Aledo, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1679A
Analysis.....	10.82	5.74	12.12	58.68	8.99	3.65	239T
Milo Head Stems and Molasses.....	4.50	0.70	19.00	55.00	.....	.....	1679G
Analysis ³⁶⁷	5.00	.37	15.28	49.44	12.71	17.20	424T
Snelson's Grocery & Market, Ysleta, Texas.							
Snelson's Laying Mash.....	18.50	3.50	6.50	46.00	.....	.....	2528A
Analysis ³⁶⁸	19.34	4.93	5.99	53.48	7.95	8.31	21S
Analysis.....	19.40	4.90	5.46	52.66	8.97	8.61	385S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁶³Carbonate of lime found, not claimed.³⁶⁴Wheat brown shorts and screenings.³⁶⁵34% protein linseed meal found, not claimed. Charcoal claimed, not found.³⁶⁶Pulverized whole oats claimed, not found.³⁶⁷Adulterated with dirt.³⁶⁸Alfalfa meal found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Snelson's Grocery & Market, Ysleta, Texas—Continued.							
Snelson's Dairy Feed.....	19.00	4.00	11.00	45.00			2528C
Analysis.....	19.90	4.60	8.03	50.75	9.60	7.12	318S
Southern Feed Store, Brenham, Texas.							
Corn Chop.....	9.00	3.50	3.00	70.00			2269A
Analysis.....	10.95	4.43	2.05	71.15	9.73	1.69	444M
Milo Chop.....	10.00	2.50	3.00	70.00			2269C
Analysis.....	9.45	3.03	2.30	71.65	11.73	1.84	445M
Southland Cotton Oil Company, Corsicana, Texas.							
Southland 18% Protein Readimix....	18.00	2.50	25.50	33.50			548A
Analysis.....	19.12	2.60	22.82	37.91	10.80	6.75	277F
Analysis.....	18.20	2.05	20.48	39.60	11.01	8.66	372F
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00			548C
Analysis.....	6.83	2.71	10.99	66.62	11.20	1.65	175M
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00			548H
Analysis.....	42.79	5.70	11.57	28.65	5.60	5.69	39W
Analysis.....	44.30	6.37	10.37	26.88	6.40	5.68	41W
Analysis ^a	40.37	5.98	11.73	30.37	6.13	5.42	60W
Analysis ^c	41.76	6.14	12.11	27.39	6.79	5.81	73W
Analysis ^e	41.95	5.77	11.63	27.55	7.53	5.57	123W
Analysis ^e	42.46	5.81	11.00	27.12	8.02	5.59	177W
43% Protein Screened Cracked Cottonseed Cake.....	43.00	5.20	12.00	25.00			548I
Analysis.....	44.14	5.63	10.11	26.41	7.70	6.01	307K
Southland Mixed Feed.....	11.80	1.70	38.00	36.00			548J
Analysis.....	11.11	1.63	35.48	39.99	8.76	3.03	231W
Southland Cotton Oil Company, Paris, Texas.							
Southland's 43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00			290H
Analysis.....	43.92	6.41	9.84	26.62	6.80	6.41	81F
Analysis.....	42.90	7.03	10.35	27.92	6.01	5.79	131F
Analysis.....	43.20	6.30	10.25	27.85	6.40	6.00	262F
Southland's 43% Protein Screened Cracked Cottonseed Cake.....	43.00	5.00	12.00	23.00			290I
Analysis.....	43.78	5.88	9.89	27.44	6.96	6.05	132F
Southland Cotton Oil Company, Shreveport, Louisiana.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			421B
Analysis.....	44.41	5.99	10.01	27.87	6.02	5.70	58F
Analysis.....	42.52	5.65	10.80	28.74	6.47	5.82	60F
Analysis.....	43.63	6.53	9.67	27.62	6.60	5.95	65F
Analysis.....	43.31	5.91	10.03	27.87	6.87	6.01	72F
Analysis.....	43.58	6.23	10.83	27.07	6.24	6.05	122F
Analysis.....	43.14	6.09	10.34	26.74	7.45	6.24	479F
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00			421C
Analysis.....	40.65	5.80	12.37	28.93	6.82	5.43	115F
Southland's Mixed Feed.....	11.80	1.70	38.00	36.00			421E
Analysis ^a	10.74	1.84	36.41	39.72	7.84	3.45	245F
Analysis.....	11.85	1.66	36.60	40.33	6.06	3.50	300F
Southland Cotton Oil Company, Temple, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00			679C
Analysis.....	42.89	5.72	11.64	27.35	7.18	5.22	189H
Analysis.....	42.68	5.74	11.05	27.36	7.79	5.38	156K
Analysis ^c	41.74	6.46	12.21	28.25	6.26	5.08	17W
Analysis ^e	42.10	7.14	9.70	28.01	6.54	6.51	120W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Southland Cotton Oil Company, Temple, Texas—Continued.							
43% Protein Cottonseed Meal—Cont. Analysis	43.58	5.92	10.91	26.87	7.17	5.55	190W
43% Protein Cottonseed Cake	43.00	5.20	12.00	23.00			679D
Analysis	44.59	5.67	10.44	26.42	7.45	5.43	204S
Analysis	45.20	5.73	10.01	26.38	7.00	5.68	221S
Analysis ³⁶⁹	39.91	4.92	13.47	29.80	6.73	5.17	20W
Analysis	42.77	5.45	11.85	27.41	6.90	5.62	92W
Analysis	43.69	5.18	10.10	28.21	7.37	5.45	321W
Southland's Mixed Feed	11.80	1.70	38.00	36.00			679F
Analysis	12.78	1.77	35.78	39.64	7.35	2.68	202W
Southland's 16.50% Protein Readimix.	16.50	2.00	27.00	34.30			679K
Analysis	17.00	1.72	23.64	39.53	10.09	8.02	501W
Southland Cotton Oil Company, Waxahachie, Texas.							
Southland's Readimix Brand Mixed Feed	11.80	1.70	38.00	36.00			536B
Analysis	11.88	1.73	25.87	48.46	8.81	3.25	372W
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			536C
Analysis ^a	41.70	5.67	10.60	28.91	6.57	6.55	222T
43% Protein Cottonseed Pellets	43.00	5.20	12.00	25.00			536E
Analysis ^{b c}	41.00	6.24	9.45	28.75	8.30	6.26	306K
43% Protein Cottonseed Cake	43.00	5.20	12.00	25.00			536G
Analysis ^e	41.55	6.19	9.63	29.81	6.21	6.61	39S
Analysis	43.16	5.84	10.36	27.33	7.29	6.02	247T
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			536H
Analysis ^e	41.78	6.09	9.52	30.44	5.51	6.66	72K
Analysis	43.16	6.20	9.77	28.52	5.78	6.57	49S
Analysis	43.05	5.65	10.28	27.66	7.80	5.56	129S
Analysis	42.55	5.88	10.11	29.12	6.55	5.79	2T
Analysis ^e	40.70	7.24	10.43	29.41	5.42	6.80	41T
Analysis	44.49	6.81	9.50	26.78	6.88	5.54	244T
Analysis ^e	42.21	5.85	10.45	28.13	6.90	6.46	370T
Analysis	43.08	5.96	11.04	26.54	7.38	6.00	426T
Analysis	43.52	6.67	10.78	26.65	6.72	5.66	44W
Analysis	42.63	5.70	10.88	28.05	7.24	5.50	131W
Analysis	43.08	6.88	10.43	27.05	6.90	5.66	170W
Analysis	42.85	6.07	9.98	27.47	7.87	5.76	238W
Analysis ^e	41.24	7.21	9.50	28.18	7.43	6.44	368W
Analysis ^e	42.35	6.60	10.10	27.54	7.11	6.30	373W
South Texas Cotton Oil Company, Austin, Texas.							
43% Protein Pebble-Size Cottonseed Cake	43.00	6.00	12.00	23.00			1049A
Analysis	42.90	6.11	11.67	26.76	7.11	5.45	223H
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1049F
Analysis	43.64	6.25	11.34	27.65	5.83	5.29	51H
Analysis	43.97	6.97	8.37	27.34	6.83	6.52	303H
Analysis ^{b c}	41.83	5.38	10.74	28.03	7.74	6.28	372H
Analysis	43.77	5.94	10.50	26.25	7.45	6.09	473H
43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00			1049G
Analysis	44.01	5.85	9.88	27.22	7.18	5.86	306H
South Texas Cotton Oil Company, Brownsville, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	5.00	23.00	29.00			1565B
Analysis	28.80	4.62	22.31	32.78	6.91	4.58	14H

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

369Excess of cottonseed hulls present.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
South Texas Cotton Oil Company, Brownsville, Texas—Continued.							
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	5.00	23.00	29.00	.....	.....	1565D
Analysis.....	27.82	4.50	22.65	33.54	6.83	4.66	92H
Analysis.....	28.10	4.36	23.62	33.00	6.45	4.47	266H
South Texas Cotton Oil Company, Corpus Christi, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	319A
Analysis.....	43.23	5.94	11.18	27.48	6.78	5.39	4H
Analysis.....	45.09	6.33	10.03	26.16	6.96	5.43	28H
Analysis ^c	42.07	5.48	11.52	28.09	7.63	5.21	107H
Analysis ^e	42.43	5.52	11.00	27.73	7.82	5.50	119H
Analysis.....	44.39	5.50	10.52	26.32	7.80	5.47	400H
Analysis.....	42.96	5.31	12.00	26.71	7.64	5.38	76W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	319B
Analysis.....	44.40	5.67	11.89	26.08	6.12	5.84	46H
South Texas Cotton Oil Company, Harlingen, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00	.....	.....	1129B
Analysis.....	42.58	5.14	10.99	27.34	8.38	5.57	91H
Analysis ^e	42.00	5.32	11.70	26.99	8.05	5.94	265H
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	5.00	23.00	29.00	.....	.....	1129C
Analysis.....	28.20	4.89	24.47	33.28	4.45	4.71	12H
Analysis.....	28.35	4.90	23.49	31.77	7.04	4.45	183H
Analysis.....	28.86	4.64	23.00	32.19	6.88	4.43	269H
South Texas Cotton Oil Company, Hearne, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	220F
Analysis ^b	41.50	5.50	11.74	28.12	7.61	5.53	123S
Analysis ^e	42.35	5.69	11.52	27.17	7.54	5.73	200S
Analysis.....	43.44	5.61	9.68	27.57	7.93	5.77	212S
Analysis.....	43.22	6.07	10.68	26.57	7.36	6.10	266S
Analysis.....	43.60	5.53	9.92	28.03	6.97	5.95	25W
Analysis.....	42.72	5.76	10.21	28.37	7.06	5.88	66W
Analysis ^e	41.90	5.38	11.07	29.15	6.99	5.51	87W
Analysis.....	43.31	5.71	9.67	28.18	7.34	5.79	134W
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	220G
Analysis.....	42.86	5.22	11.01	27.13	8.03	5.75	103H
Analysis.....	42.90	5.22	11.34	27.00	7.89	5.65	124S
Analysis.....	43.53	5.32	10.52	27.56	7.32	5.75	199S
Analysis.....	42.75	5.20	10.94	27.63	7.73	5.75	201S
Analysis.....	44.10	5.75	10.52	28.22	5.48	5.93	85W
Analysis ^e	42.10	5.44	10.77	27.83	8.17	5.69	137W
South Texas Cotton Oil Company, Houston, Texas.							
28% Protein Whole-Pressed Cottonseed.....	28.00	5.00	23.00	29.00	.....	.....	1218C
Analysis.....	29.31	5.05	22.81	32.12	6.04	4.67	225M
37% Protein Linseed Meal.....	37.00	6.00	9.00	35.00	.....	.....	1218D
Analysis.....	38.52	5.81	6.51	32.45	11.55	5.16	1218D
43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00	.....	.....	1218E
Analysis ^e	41.40	6.51	10.38	28.48	7.06	6.17	369M
43% Protein Screened Cracked Cottonseed Cake.....	43.00	5.00	12.00	23.00	.....	.....	1218F
Analysis.....	44.30	4.89	9.85	29.18	5.79	5.99	17M

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939,
to August 31, 1940—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
South Texas Cotton Oil Company, Robstown, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	727B
Analysis.....	44.21	5.63	11.43	25.67	7.53	5.53	6H
Analysis ³⁷⁰	41.57	5.13	13.15	26.39	8.51	5.25	176H
Analysis.....	43.03	6.04	12.11	25.85	7.91	5.06	259H
Analysis.....	43.18	5.88	11.69	25.70	7.94	5.61	336H
South Texas Cotton Oil Company, Taylor, Texas.							
43% Protein Cottonseed Cubes.....	43.00	6.00	12.00	23.00	.....	.....	1883A
Analysis ³⁷¹	43.19	5.16	10.16	25.22	11.05	5.22	197S
Analysis ^{b c 371}	40.82	4.91	9.91	26.21	13.17	4.98	E
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	1883A
Analysis ^c	42.31	5.10	9.52	25.27	12.82	4.98	320W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1883C
Analysis.....	44.23	5.99	10.61	26.29	7.22	5.66	194S
Analysis.....	42.73	5.79	11.57	26.89	7.79	5.23	29W
Analysis ^c	41.95	5.48	11.97	27.02	8.22	5.36	115W
Analysis ^c	40.78	5.55	12.96	27.90	7.72	5.09	196W
Analysis ^c	41.15	6.11	12.91	27.89	6.79	5.15	210W
43% Protein Nut-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1883E
Analysis.....	45.21	5.22	10.01	26.37	7.67	5.52	274S
43% Protein Pea-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1883F
Analysis.....	45.15	5.36	10.77	26.17	6.95	5.60	193S
Analysis.....	44.98	5.43	10.73	27.34	6.04	5.48	86W
Analysis.....	43.57	5.14	12.19	26.99	6.77	5.34	317W
43% Protein Sheep-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1883G
Analysis ^c	42.07	4.81	12.45	27.53	8.08	5.06	194W
South Texas Cotton Oil Company, Victoria, Texas.							
Lasso Brand 12% Protein Sweet Feed.....	12.00	2.00	30.00	37.50	.....	.....	309B
Analysis.....	13.90	1.18	29.93	39.37	8.77	6.85	60H
Lasso Brand 18% Protein Sweet Feed.....	18.00	2.50	23.50	36.00	.....	.....	309D
Analysis.....	20.20	2.51	23.05	35.94	10.66	7.64	142H
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	309H
Analysis ^c	42.36	5.53	11.43	26.68	8.74	5.26	59H
Analysis.....	43.57	5.77	10.45	26.54	8.33	5.34	231H
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	309L
Analysis.....	42.58	5.50	11.56	26.87	8.27	5.22	143H
Analysis.....	43.13	6.00	11.77	26.07	6.91	6.12	232H
Analysis ^c	42.05	5.87	10.20	28.44	7.64	5.80	317H
South Texas Feed Company, Houston, Texas.							
Peanut Hulls and Molasses.....	7.20	1.20	44.00	33.00	.....	.....	214E
Analysis.....	7.87	.89	35.34	36.56	13.90	5.44	241M
Egaday Brand Starter Mash with Manganese Sulphate.....	19.00	3.50	5.60	47.00	.....	.....	214K
Analysis ³⁷²	21.41	4.48	4.62	53.13	8.61	7.75	241F
Analysis ^{j e}	20.81	4.76	4.38	51.21	10.50	8.34	200M
Egaday Brand Starter Mash.....	19.00	3.50	5.60	47.00	.....	.....	214K
Analysis.....	20.80	4.59	4.95	51.67	10.54	7.45	299T
Egaday Brand Laying Mash with Charcoal and Manganese Sulphate..	19.00	3.80	6.50	48.00	.....	.....	214L
Analysis.....	20.86	4.97	5.29	51.26	9.57	8.05	180F
Analysis ^e	21.20	4.24	5.37	51.72	9.55	7.92	242F
Sotex Horse and Mule Feed.....	10.00	3.00	9.00	60.00	.....	.....	2140
Analysis.....	10.00	4.45	8.18	60.64	11.70	5.03	332M

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

³⁷⁰Excess of cottonseed hulls found.

³⁷¹In pellet form.

³⁷²Deficient in 41% protein soybean oil meal.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
South Texas Feed Company,							
Houston, Texas—Continued.							
Top-Notch Brand Dairy Ration	18.00	3.50	19.00	38.00			214X
Analysis ^j	21.44	3.57	18.28	35.83	10.89	9.99	425M
Alfalfa Stem Meal and Molasses	8.20	0.50	32.00	37.00			214A3
Analysis	8.90	.70	31.30	42.00	10.20	6.90	242M
Satisfaction Brand Laying Mash	18.50	3.60	7.50	47.00			214A5
Analysis	19.48	3.99	6.24	51.01	10.65	8.63	199M
Satisfaction Brand Sweet Feed	10.00	2.30	7.00	58.00			214B1
Analysis	12.11	2.03	8.02	60.17	8.93	8.74	33W
Rice Hulls, Molasses, Peanut Hulls, Oat Hulls, Corn Chop, and Alfalfa Stem Meal	4.00	0.70	30.00	42.00			214B6
Analysis	6.67	.75	27.67	40.90	12.23	11.78	215M
Sotex Pig Ration	18.00	5.50	9.00	45.00			214C8
Analysis	18.50	8.01	7.16	47.39	9.66	9.28	137T
Sotex 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			214D4
Analysis ^{k373}	47.66	7.45	3.48	.35	6.14	34.92	298M
Analysis	52.06	7.90	2.84	.40	5.40	31.40	359M
High-Kick Brand Dairy Feed	16.00	3.00	14.00	52.00			214D5
Analysis	19.75	3.05	14.59	41.81	12.18	8.62	518W
Egaday Brand Broiler Mash with Manganese Sulphate	18.00	3.50	5.50	50.00			214D7
Analysis	19.81	3.88	4.57	54.85	9.76	7.13	137H
Analysis ^e	20.62	4.37	3.58	54.22	10.21	7.00	323M
Special 24% Protein Dairy Feed	24.00	4.50	10.50	40.00			214D8
Analysis ³⁷⁴	25.32	4.00	8.15	44.12	11.55	6.86	179F
Satisfaction Brand Laying Mash Pellets	19.00	3.60	7.50	47.00			214D9
Analysis ^j	20.36	4.08	6.41	49.16	11.49	8.50	234M
Egaday Brand Laying Mash Pellets with Charcoal	19.50	3.80	6.50	48.00			214E2
Analysis ^{e k}	22.24	4.50	5.36	51.53	10.11	6.26	136T
Egaday Brand Laying Mash Pellets with Charcoal and Manganese Sulphate	19.00	3.80	6.50	48.00			214E2
Analysis ^e	20.86	4.62	5.22	48.86	12.21	8.23	233M
Master-Mix Brand Laying Mash	18.00	3.80	8.00	45.00			214E4
Analysis	19.81	4.36	6.36	52.45	8.25	8.77	322M
Sotex Cattle Feed Pellets	12.00	2.20	19.00	49.00			214G2
Analysis	13.41	2.49	18.40	49.56	8.64	7.50	132M
Hominy Feed and Molasses	8.50	4.00	5.60	61.00			214J1
Analysis ^{d a375}	10.64	4.40	4.46	65.98	10.93	3.59	454H
Southwestern Packing Company, Inc.,							
Harlingen, Texas.							
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			1103A
Analysis ³⁷⁶	42.53	16.79	2.54	4.58	6.56	27.00	1103A
Analysis ³⁷⁷	46.55	14.85	3.65	4.37	6.40	24.18	181H
Analysis ³⁷⁸	47.01	15.27	3.32	3.61	6.50	24.29	264H
Southwestern Peanut Company,							
Abilene, Texas.							
Peanut Screenings and Molasses	12.50	5.00	18.50	43.50			648B
Analysis	14.83	9.00	21.93	37.98	9.52	6.74	76S
Ground Peanut Screenings	14.00	6.00	21.00	41.00			648C
Analysis	16.32	10.70	22.46	35.78	7.78	6.96	425S

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

373Used by dealer in mixed feed.

37441% protein soybean oil meal claimed, not found.

375Moldy odor.

376Carbonate of lime and stomach contents found.

377Animal hair and stomach contents found.

378Salt and stomach contents found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Springfield Flour Mill, The, Springfield, Missouri.							
Wheat Gray Shorts and Screenings...	16.00	4.00	6.00	55.00	.....	.....	401B
Analysis.....	16.76	3.83	5.76	58.10	11.75	3.80	113F
Sproles Feed & Seed Store, Rockdale, Texas.							
Corn Chop.....	9.00	3.50	3.00	70.00	.....	.....	1496A
Analysis ^{d a}	10.18	4.30	1.93	72.98	9.16	1.45	415W
Staffel Company, Ferd., San Antonio, Texas.							
Omala Mixed Feed.....	9.00	2.80	9.00	55.00	.....	.....	2232A
Analysis.....	9.98	3.80	7.86	58.99	12.21	7.16	210H
Analysis.....	12.04	4.82	7.15	56.78	11.75	7.46	474H
Staffel's Super-Six Brand Chick Starter.....	16.00	3.40	5.50	55.00	.....	.....	2232B
Analysis.....	18.44	4.84	3.51	55.88	10.71	6.62	352H
Staffel's Turkey Starter.....	23.50	4.30	5.50	41.00	.....	.....	2232C
Analysis.....	25.72	4.40	4.31	49.18	9.73	6.66	387H
Staffel's Starter with Buttermilk.....	16.50	3.90	5.50	54.00	.....	.....	2232M
Analysis.....	18.32	5.13	4.49	54.61	9.98	7.47	280H
Analysis.....	18.69	5.13	4.03	54.93	10.06	7.16	385H
Maltine Cow Feed.....	22.00	4.00	13.00	42.00	.....	.....	2232Q
Analysis.....	25.21	4.40	12.98	41.49	9.00	6.92	209H
Analysis.....	25.55	4.68	12.21	41.68	9.28	6.60	467H
Fairland's Dairy Feed.....	19.50	3.00	9.00	45.00	.....	.....	2232R
Analysis.....	21.00	3.64	8.76	48.56	10.96	7.08	105H
Analysis.....	22.06	3.70	8.53	47.72	11.00	6.99	246H
Staffel's Growing Mash with Charcoal.....	16.00	3.40	6.70	50.00	.....	.....	2232S
Analysis ^e	20.54	4.46	6.34	50.69	9.91	8.06	353H
Staffel's Growing Mash.....	16.00	3.40	6.70	50.00	.....	.....	2232S
Analysis.....	20.91	4.31	6.09	50.54	10.18	7.97	386H
Staffel's Longhorn Mixed Feed.....	11.80	1.50	23.00	38.50	.....	.....	2232X
Analysis ³⁷⁹	13.28	1.62	22.77	40.36	9.74	12.23	72H
Analysis.....	11.46	1.27	24.67	40.03	11.28	11.29	164H
Staffel's Sweet Sixteen Dairy Feed.....	16.00	3.50	10.00	53.00	.....	.....	2232A3
Analysis.....	16.76	3.58	9.43	51.71	11.67	6.85	106H
Analysis.....	17.16	3.51	8.34	53.02	11.59	6.38	354H
Staffel's Start-to-Finish Broiler Mash.....	17.00	3.40	5.50	54.00	.....	.....	2232B5
Analysis.....	18.73	4.94	4.51	57.55	8.28	5.99	71H
Staffel's 36% Protein Concentrate for Poultry.....	36.00	4.80	6.00	26.00	.....	.....	2232C2
Analysis.....	38.44	6.74	5.85	26.35	8.45	14.17	421H
Staffel's Five Star Brand Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	2232C7
Analysis ^e	22.31	5.07	6.18	45.23	10.06	11.15	163H
Staffel's Star Brand Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	2232C7
Analysis.....	22.37	6.67	6.05	44.50	9.59	10.82	422H
Pendleton Laying Mash with Charcoal.....	18.00	3.50	6.20	47.50	.....	.....	2232E7
Analysis ^e	19.55	5.13	6.02	48.58	10.60	10.12	281H
Pendleton's Laying Mash.....	18.00	3.50	6.20	47.50	.....	.....	2232E7
Analysis.....	20.56	4.65	6.31	48.95	9.39	10.14	475H
Staley Manufacturing Company, A. E., Decatur, Illinois.							
Staley's Corn Gluten Feed.....	25.00	1.50	8.00	37.00	.....	.....	295A
Analysis.....	25.91	3.67	6.87	45.70	8.70	9.15	46F
Analysis.....	28.85	1.92	6.18	46.23	8.15	8.67	3K
Analysis.....	29.02	2.10	7.78	46.76	9.50	4.84	393M
41% Protein Soybean Oil Meal.....	41.00	4.00	7.00	29.00	.....	.....	295B
Analysis ^{b380}	44.45	4.40	4.91	31.90	7.54	6.80	189K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁷⁹Flax plant by-product found, not claimed.³⁸⁰In pellet form. Molasses, steamed bone meal, and ground limestone present.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Staley Manufacturing Company, A. E., Decatur, Illinois—Continued.							
Staley's Soybean Oil Meal, Molasses, and Minerals—Pelleted.....	37.00	3.50	7.00	31.00	.....	.....	295D
Analysis.....	44.53	4.44	5.34	32.02	6.95	6.72	215K
Analysis ^{b381}	44.88	4.72	5.57	28.78	10.26	5.79	366K
Staley Milling Company, Kansas City, Missouri.							
Record Brand Egg Mash.....	18.00	3.50	8.00	50.00	.....	.....	936K
Analysis.....	18.40	3.67	7.59	51.49	10.09	8.76	216F
Stamford Cotton Oil Mill, Stamford, Texas.							
Chuck Wagon Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	439H
Analysis ^c	42.37	7.68	11.25	25.98	6.60	6.12	419K
Analysis ^e	42.28	6.93	11.23	26.36	7.22	5.98	495K
Analysis.....	43.63	6.12	9.83	27.61	6.99	5.82	67S
Analysis.....	42.73	6.07	10.93	27.43	7.10	5.74	152S
Analysis.....	42.64	6.85	11.36	26.71	6.49	5.95	153S
Analysis ^e	41.55	7.23	10.00	29.38	6.50	5.34	369S
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	439J
Analysis.....	43.30	6.30	10.82	26.87	6.90	5.81	418K
Analysis ^{h c382}	42.18	6.87	10.52	27.52	6.82	6.09	432K
Stamford Mill & Elevator Company, Stamford, Texas.							
Number Five Egg Laying Mash.....	18.00	3.50	7.00	48.00	.....	.....	66C
Analysis.....	18.72	3.87	7.75	50.09	9.54	10.03	366S
Our Best Brand Starter with Minerals.....	18.50	3.80	6.00	50.00	.....	.....	66K
Analysis ^e	17.32	4.26	5.65	56.33	9.94	6.50	303S
Our Best Brand Laying Mash with Minerals.....	19.50	3.70	6.00	47.00	.....	.....	66L
Analysis ^e	19.38	4.30	5.55	52.99	7.55	10.23	9S
Our Best Brand Laying Mash.....	19.50	3.70	6.00	47.00	.....	.....	66L
Analysis.....	19.12	4.65	5.37	52.18	9.55	9.13	468S
Our Best Brand Growing Mash with Minerals.....	17.00	3.60	6.00	52.00	.....	.....	66M
Analysis ^e	16.44	3.98	5.96	56.92	10.55	6.15	302S
Our Best Brand 32% Protein All- Purpose Supplement with Minerals.....	32.00	4.30	6.70	22.00	.....	.....	66Q
Analysis ^{e383}	32.78	4.98	6.39	25.70	6.72	23.43	226S
Stamford Mill Feed.....	14.20	3.50	4.80	60.00	.....	.....	66B1
Analysis.....	14.80	3.30	5.40	60.93	11.96	3.61	158S
Monarch Milk-Maker.....	17.50	4.00	9.00	50.00	.....	.....	66B5
Analysis.....	18.52	4.40	7.80	52.33	10.41	6.54	225S
Stanard-Tilton Milling Company, Dallas, Texas.							
Wheat Gray Shorts.....	16.00	3.50	6.00	55.00	.....	.....	51C
Analysis.....	19.65	4.24	5.42	54.90	11.73	4.06	150K
Analysis.....	19.26	4.34	5.63	54.40	12.48	3.89	235K
Analysis.....	19.91	4.71	5.66	54.86	10.90	3.96	253M
Analysis.....	20.02	3.85	4.65	58.12	9.91	3.45	430T
Analysis.....	18.10	4.18	5.08	57.46	11.40	3.78	466W
Wheat Bran and Screenings.....	14.50	3.50	10.00	50.00	.....	.....	51K
Analysis.....	17.23	3.89	8.40	53.98	11.33	5.17	333K
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	51L
Analysis.....	12.04	6.74	5.60	61.35	11.60	2.67	29K
Analysis.....	10.98	6.66	5.68	63.39	11.04	2.25	298S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁸¹Soybean oil meal.³⁸²Short in weight. Even-weighted to 100 lbs. net and sale resumed.³⁸³Deficient in ground oyster shell.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Standard Milling Company, The, Lubbock, Texas.							
Stanton's Big S Egg Mash.....	18.00	3.50	7.00	50.00	.....	.....	1430B
Analysis ³⁸⁴	20.20	3.63	6.93	51.93	8.48	8.83	536K
Ground Milo Heads.....	8.50	2.50	8.00	65.00	.....	.....	1430F
Analysis.....	11.49	2.54	7.86	63.87	8.95	5.29	518K
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	1430L
Analysis.....	14.82	2.01	26.92	37.38	8.67	10.20	471S
Stanton's Laying Mash.....	19.00	3.50	5.50	47.00	.....	.....	1430M
Analysis ⁷¹	21.14	4.49	4.46	52.64	9.47	7.80	424K
Stanton's Chick Starter.....	18.00	3.50	6.00	51.00	.....	.....	1430Q
Analysis.....	19.70	4.35	5.06	54.21	8.75	7.93	469K
Stanton's TSM Laying Mash with Charcoal and Minerals.....	18.00	3.50	8.00	45.00	.....	.....	1430A4
Analysis ^e	18.82	4.69	7.73	51.24	7.19	10.33	64K
Stanton's Red Star Sweet Feed.....	9.00	2.00	16.00	52.00	.....	.....	1430B2
Analysis.....	12.69	1.40	14.12	48.50	12.90	10.39	323K
Stanton's Sweetmix Feed.....	12.00	2.00	14.00	49.00	.....	.....	1430B3
Analysis.....	11.99	1.90	10.42	50.82	10.64	14.23	75K
Stanton's Lub-Tex Egg Mash.....	18.00	3.50	8.00	47.00	.....	.....	1430B4
Analysis.....	19.06	3.93	7.75	46.29	12.16	10.81	258K
Stanton's Crown Cattle Feed Cubes..	16.00	3.00	9.00	51.00	.....	.....	1430C4
Analysis.....	17.00	3.61	7.85	56.11	8.37	7.06	97K
Stanton's Capitol Cattle Cubes.....	12.00	2.50	8.50	55.00	.....	.....	1430C8
Analysis.....	14.70	3.12	6.77	57.17	9.94	8.30	175K
Stanton's Capitol Sheep Cubes.....	12.00	2.50	8.50	55.00	.....	.....	1430C9
Analysis.....	14.10	2.63	6.76	61.46	7.55	7.50	119S
Stanton's Pullet Builder.....	15.00	3.50	8.00	53.00	.....	.....	1430D9
Analysis ⁶³⁸⁵	20.08	4.45	6.14	49.90	9.35	10.08	510K
Stanton's Growing Mash Pellets.....	17.50	3.50	7.00	51.00	.....	.....	1430E6
Analysis ⁷³⁸⁶	20.31	4.61	4.98	51.87	8.45	9.78	336K
Stanton's 32% Protein Supplement for Poultry.....	32.00	4.00	7.00	26.00	.....	.....	1430E8
Analysis ³⁸⁷	33.96	5.84	6.42	29.05	7.33	17.40	499K
Stanton's 32% Protein Egg Mash Concentrate.....	32.00	4.00	7.00	27.00	.....	.....	1430F5
Analysis.....	33.49	5.57	5.89	30.68	7.26	17.11	152K
Stanton's Turkey Finisher Pellets.....	18.00	3.80	7.00	50.00	.....	.....	1430G2
Analysis.....	18.25	4.21	5.64	56.27	8.87	6.76	71K
Stanton's Domino Horse and Mule Feed Cubes.....	10.00	2.00	5.00	59.00	.....	.....	1430H4
Analysis.....	13.15	2.76	3.94	63.81	10.25	6.09	309K
Stanton's All-Mask Chick Starter....	16.00	3.50	7.00	51.00	.....	.....	1430H8
Analysis.....	18.44	4.61	4.19	54.16	8.33	10.27	427K
Standard Poultry Yards, Van Alstyne, Texas.							
Standard Brand Egg Mash.....	19.00	4.00	6.70	48.00	.....	.....	777A
Analysis.....	19.92	4.49	5.82	50.47	9.33	9.97	110T
Standard Rice Company, Inc., Houston, Texas.							
Rice Polishings containing Carbonate of Lime.....	11.00	10.00	4.00	55.00	.....	.....	247D
Analysis ³⁸⁸	10.92	9.33	2.83	60.39	9.72	6.81	65M

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

³⁸⁴Excess of ground oyster shell found.³⁸⁵Tags of wrong denomination attached.³⁸⁶Not in pellet form. 41% protein soybean oil meal claimed, not found. Dried buttermilk and charcoal found, not claimed. Replaced with other feed.³⁸⁷Excess of salt found.³⁸⁸Excess of carbonate of lime found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Standard Soybean Mills, Centerville, Iowa.							
41% Protein Soybean Oil Meal.....	41.00	4.50	7.00	30.00	.....	.....	2067A
Analysis.....	45.01	5.83	5.55	29.62	7.65	6.34	363K
Analysis ³⁸⁹	44.67	5.45	5.04	32.30	6.21	6.33	365K
Star Feed Company, Fort Worth, Texas.							
Starko Egg Mash.....	18.00	3.70	6.00	51.00	.....	.....	2375A
Analysis ³⁹⁰	18.88	4.43	6.55	51.73	10.83	7.58	197T
Starko All-Mash Chick Starter.....	17.00	3.50	5.50	53.00	.....	.....	2375C
Analysis.....	18.29	4.27	4.87	55.70	10.05	6.82	462T
Star Mill & Elevator Company, Hennessey, Oklahoma.							
Liberty Laying Mash with Charcoal.....	18.00	3.50	7.00	47.00	.....	.....	88E
Analysis ³⁹¹	17.51	4.65	5.79	55.29	9.29	7.47	101T
Wheat Gray Shorts and Screenings.....	16.00	4.00	6.00	55.00	.....	.....	88S
Analysis ³⁹²	17.33	3.61	4.50	58.84	12.32	3.40	434F
Analysis.....	18.73	4.57	5.24	56.03	11.66	3.77	172W
Red Comb Laying Mash.....	18.00	3.50	8.00	48.00	.....	.....	88T
Analysis ³⁹³	20.54	4.43	6.94	51.80	8.17	8.12	76F
Stevenson's Hatchery & Feed Mill, Dallas, Texas.							
Stevenson's Milk-Producer Brand Dairy Feed.....	18.50	3.90	10.50	48.00	.....	.....	1188I
Analysis.....	21.67	4.37	10.83	46.55	8.33	8.25	57T
Stevenson's Common Sense Laying Mash.....	18.00	3.60	7.20	48.00	.....	.....	1188Q
Analysis ³⁹²	21.36	4.85	6.52	49.15	9.56	8.56	337T
Stockmens Feed Manufacturing Company, Clovis, New Mexico.							
Ferdinand Brand 12% Protein Cow Feed.....	12.00	2.00	16.00	47.00	.....	.....	1578F
Analysis.....	14.26	2.38	11.03	52.70	8.86	10.77	535K
El Rancho Brand Growing Mash.....	18.00	3.50	7.50	49.50	.....	.....	1578S
Analysis.....	20.09	3.65	6.45	52.19	9.25	8.37	473K
Stokes & McNutt, Ballinger, Texas.							
Home-Mix Dairy Feed.....	18.00	3.30	10.50	47.00	.....	.....	2394A
Analysis.....	22.42	3.41	7.01	49.26	10.15	7.75	413S
Stratford Grain Company, Stratford, Texas.							
Milo Chop.....	10.00	2.50	3.00	70.00	.....	.....	2021E
Analysis ³⁹⁴	12.50	3.61	2.04	70.68	8.71	2.46	8K
Stubbs-Young Grain & Seed Company, Lubbock, Texas, and Branches.							
Mixed Feed.....	14.00	2.00	28.60	39.00	.....	.....	1707A
Analysis ³⁹⁵	12.66	1.77	29.91	43.57	7.81	4.28	511K
Sun-Ray Brand Chick Starter.....	17.00	3.50	7.00	52.00	.....	.....	1707C
Analysis.....	19.06	3.78	6.00	55.10	9.06	7.00	259K
Analysis.....	19.68	4.57	4.58	53.87	9.80	7.50	192T
Analysis.....	19.08	4.93	5.17	54.62	8.98	7.22	344W
Sun-Ray Brand Growing Mash.....	15.00	3.50	8.00	54.00	.....	.....	1707D
Analysis.....	17.79	3.90	4.39	58.77	8.82	6.33	62K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁸⁹In pellet form.³⁹⁰Excess of ground oyster shell found and deficient in salt.³⁹¹34% protein linseed meal claimed, not found. Ground limestone found, not claimed.³⁹²Deficient in ground limestone.³⁹³Packed in second-hand branded sacks. Bags turned and sale resumed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Stubbs-Young Grain & Seed Company, Lubbock, Texas, and Branches—Continued.							
Sun-Ray Brand Laying Mash	18.00	3.50	8.00	48.00	.....	.....	1707G
Analysis	19.66	4.79	5.68	52.38	9.68	7.81	337K
Analysis ³⁹⁴	21.37	4.36	5.50	51.82	8.42	8.53	359K
Analysis	19.67	4.51	5.78	51.31	9.36	9.37	193T
Analysis ^j	19.36	4.93	3.97	51.49	9.07	11.18	436W
Sun-Ray Brand 34% Protein Laying Mash Supplement	34.00	5.00	7.50	21.50	.....	.....	1707N
Analysis	35.68	6.09	6.73	22.13	7.61	21.76	238T
X-L Brand Sweet Feed	9.00	1.50	15.00	55.00	.....	.....	1707A4
Analysis	9.90	1.53	14.02	51.46	9.77	13.32	104T
X-L Brand 20% Protein Dairy Feed	20.00	3.20	13.50	45.50	.....	.....	1707A5
Analysis ^j	20.10	3.25	11.48	47.33	10.17	7.67	450T
Alfalfa Meal and Molasses	10.00	1.00	25.00	42.50	.....	.....	1707B4
Analysis	11.94	1.62	19.41	48.62	9.60	8.81	125T
Sugar Land Feed Company, Sugar Land, Texas.							
Mxtrite Brand Alfalfa Meal and Molasses	10.50	1.20	25.00	42.00	.....	.....	1528A6
Analysis ³⁹⁵	11.40	.81	20.36	43.80	14.53	9.10	311M
Analysis	11.74	.48	19.65	44.79	14.41	8.93	312M
Analysis	12.70	.70	15.25	44.40	17.50	9.45	412M
Mxtrite Brand Ear Corn Chop with Husk and Molasses	6.50	2.00	8.00	65.00	.....	.....	1528D6
Analysis	5.40	1.06	7.61	67.83	14.35	3.75	135M
Sulphur Springs Cotton Oil Company, Sulphur Springs, Texas.							
43% Protein Cottonseed Meal	43.00	5.00	12.00	23.00	.....	.....	133C
Analysis	43.16	6.13	12.30	27.55	5.58	5.28	29F
Analysis ^e	42.48	5.96	11.88	26.71	7.81	5.16	214F
Bridges' Special Dairy Feed	16.00	3.00	7.00	55.00	.....	.....	133J
Analysis	16.00	5.12	7.93	53.57	10.70	6.68	459F
Dandy Brand Dairy Feed	20.00	4.00	12.50	51.00	.....	.....	133P
Analysis	21.19	4.49	10.88	45.55	10.64	7.25	458F
Whole Barley Chop	11.00	1.50	6.00	65.00	.....	.....	133T
Analysis ^a	10.64	3.02	7.31	64.25	12.00	2.78	457F
Laying Mash	20.50	3.50	7.40	44.60	.....	.....	133U
Analysis	23.05	5.27	5.83	47.49	7.78	10.58	89F
Analysis	20.90	5.25	6.49	45.15	9.64	12.57	172F
Analysis ^k	20.23	4.99	6.37	47.12	9.96	11.33	213F
Analysis	21.50	5.37	6.42	45.97	9.81	10.93	270F
Sun Milling Company, Fort Worth, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	.....	.....	1231G
Analysis ^{d 4396}	8.90	3.08	9.62	65.56	11.15	1.69	447T
Sweetwater Cotton Oil Company, Sweetwater, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00	.....	.....	2278E
Analysis	29.91	5.14	21.35	35.59	3.86	4.15	261S
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00	.....	.....	2278G
Analysis	43.21	5.32	12.27	27.85	6.03	5.32	13S
Analysis	43.66	5.31	12.42	27.85	5.48	5.28	19S
Analysis	42.56	5.77	11.05	27.43	7.66	5.53	168S
Analysis	44.23	5.50	11.29	26.75	6.87	5.36	232S
Analysis	42.84	6.49	11.49	29.07	4.95	5.16	336S
Analysis	43.47	5.70	8.55	30.85	6.05	5.38	412S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

³⁹⁴Alfalfa stem meal found, not claimed.³⁹⁵Ground peanut hay found, not claimed.³⁹⁶Sale resumed after feed registered.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Sweetwater Cotton Oil Company, Sweetwater, Texas—Continued.							
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00			2278H
Analysis ^{b 397}	41.77	5.38	13.33	29.31	4.81	5.40	33S
Analysis.....	45.25	5.52	10.80	27.43	5.85	5.15	187S
Analysis.....	44.43	5.10	10.94	28.62	5.81	5.10	263S
Sweetwater Range Cubes.....	17.00	3.20	7.50	51.00			2278J
Analysis.....	18.59	3.00	6.74	56.62	7.49	7.56	14S
43% Protein Cottonseed Cubes.....	43.00	5.20	12.00	23.00			2278M
Analysis.....	43.48	5.80	10.27	27.77	6.77	5.91	88S
Analysis.....	43.90	6.04	10.55	27.33	6.82	5.36	121S
Analysis.....	43.67	6.45	10.09	27.10	7.10	5.59	167S
Analysis ^c	42.85	5.62	11.98	28.40	6.57	5.08	169S
Analysis.....	43.39	5.01	11.73	27.79	6.96	5.12	239S
Analysis.....	44.76	5.17	10.75	27.85	6.10	5.37	285S
Analysis.....	45.25	5.18	11.43	28.18	4.51	5.44	316S
Lasses Sweetco Mixed Feed.....	11.00	1.50	30.60	39.50			2278O
Analysis.....	11.80	.54	27.49	44.20	10.72	5.25	476S
Chicko Growing Mash with Iron Oxide	17.50	3.50	5.00	54.00			2278Q
Analysis ^e	19.55	4.65	3.23	55.67	10.44	6.46	377S
Chicko Baby Chick Starter with Iron Oxide	17.50	3.50	5.00	52.50			2278R
Analysis ^e	18.65	4.41	4.60	55.39	10.07	6.88	311S
Man-O-War Horse and Mule Feed.....	12.50	3.00	11.00	55.00			2278Z
Analysis.....	15.39	3.52	8.95	56.74	8.40	7.00	81S
Chicko Laying Mash Pellets.....	18.50	3.50	8.00	48.00			2278A4
Analysis.....	20.88	4.06	7.05	50.26	8.85	8.90	80S
Sweet-Press Cubes.....	25.00	5.20	20.30	30.70			2278B6
Analysis ³⁹⁸	28.83	5.32	19.84	34.40	5.77	5.84	162S
Swift & Company, Chicago, Illinois, and Branches.							
Swift's 60% Protein Digester Tankage	60.00	5.00	3.00	0.00			270A
Analysis ^{f 399}	56.49	12.17	2.23	2.01	9.06	18.04	161H
Analysis ^{f 400}	59.00	10.48	2.86	2.57	7.04	18.05	245H
Analysis ^{f 401}	57.74	13.30	3.88	.15	4.36	20.57	104W
Analysis ⁴⁰¹	63.30	7.30	2.88	.77	6.64	19.11	490W
Swift's Chick Mash.....	18.50	4.00	6.00	49.00			270E
Analysis ^{k e}	20.64	4.59	6.00	50.38	9.75	8.64	237H
Swift's Chick Mash with Manganese Sulphate	18.50	4.00	6.00	49.00			270E
Analysis ^{j e}	19.50	4.82	4.75	52.32	9.98	8.63	331W
Swift's Egg Mash.....	20.00	4.00	7.50	45.00			270F
Analysis.....	21.80	4.40	6.74	47.58	10.05	9.43	236H
Swift's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			270I
Analysis ^{h e 402}	48.49	11.60	1.85	1.05	6.57	30.44	239H
Analysis.....	51.69	11.29	1.71	.46	6.12	28.73	244H
Analysis.....	53.87	11.70	1.57	.32	6.75	25.79	346H
Analysis.....	51.73	11.65	1.87	1.81	6.95	25.99	371H
Analysis ⁴⁰³	53.30	9.15	1.89	2.20	7.38	26.08	334K
Analysis.....	51.14	10.21	1.49	.84	4.95	31.37	66S
Analysis.....	51.63	10.07	1.58	.79	3.77	32.16	24T
Analysis.....	50.32	9.61	2.31	1.45	4.20	32.11	229T
Analysis.....	53.17	8.72	1.19	1.65	7.63	27.64	334T
Analysis.....	50.10	7.09	2.05	2.46	5.47	32.83	4W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

³⁹⁷Excess of cottonseed hulls found.³⁹⁸Deficient in ground limestone and salt.³⁹⁹Replaced with other tankage. Amount returned blended with high-protein tankage.

Animal hair, stomach contents, and salt found.

⁴⁰⁰Animal hair and stomach contents found. Amount returned blended with high-protein tankage. Replaced with other tankage.⁴⁰¹Animal hair and stomach contents found.⁴⁰²Replaced with other shipment.⁴⁰³Animal hair found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Swift & Company, Chicago, Illinois, and Branches, —Continued.							
Swift's Chick Mash Pellets.....	18.50	4.00	6.00	49.00	.....	.....	270I
Analysis.....	19.10	4.60	4.81	53.00	10.10	8.39	365II
Swift & Company (Soy Bean Mill), Champaign, Illinois.							
Swift's 41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00	.....	.....	715A
Analysis ^e	44.75	5.06	5.36	28.43	10.80	5.60	166K
Swift's 41% Protein Soybean Oil Meal	41.00	4.00	7.00	29.00	.....	.....	715A
Analysis ^a	44.87	5.58	5.18	28.61	10.01	5.75	356H
Analysis.....	44.19	5.16	4.95	30.62	8.99	6.09	398K
Swift Feed Company, Knox City, Texas.							
Milo Head Chop.....	8.50	2.50	8.00	65.00	.....	.....	242A
Analysis ^{h404}	7.77	3.07	6.27	67.90	9.94	5.05	252T
Syntha-Milk Laboratories, Ingomar, Ohio.							
Bio-Phyl.....	29.00	13.50	10.00	28.00	.....	.....	2601B
Analysis.....	31.50	16.50	7.90	29.92	7.60	6.58	2604B
Analysis ^a	30.99	15.91	7.79	30.76	8.07	6.48	366T
Taft Cotton Oil Company, Taft, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1415D
Analysis.....	43.99	6.37	11.08	26.12	7.14	5.30	801H
Analysis.....	43.85	6.31	11.60	26.27	6.42	5.55	2541I
Analysis.....	44.11	6.85	10.12	26.74	6.55	5.63	327II
37% Protein Linseed Meal.....	37.00	6.00	9.00	35.00	.....	.....	1415F
Analysis.....	37.30	8.85	8.10	29.19	11.30	5.26	328H
Taylor Brokerage Company, San Angelo, Texas.							
Taylor's Best Cow Feed.....	19.00	3.00	15.00	44.00	.....	.....	2347D
Analysis.....	20.69	3.92	12.06	46.59	8.20	8.54	52S
Analysis ⁴⁰⁵	21.33	3.92	12.21	44.08	10.14	8.32	483S
Dandy Brand Laying Mash.....	18.50	3.50	7.60	48.00	.....	.....	2347E
Analysis.....	19.82	4.78	4.69	52.91	8.75	9.05	402S
Rainbow Sweet Feed.....	9.00	1.50	15.00	53.00	.....	.....	2347M
Analysis ⁴⁰⁶	12.05	1.56	12.92	51.52	11.63	10.32	450S
Rainbow Sheep and Cattle Cubes.....	16.00	3.00	8.50	53.00	.....	.....	2347N
Analysis.....	16.90	3.49	7.52	55.35	9.52	7.22	191S
Analysis.....	17.02	3.25	7.79	56.57	8.91	6.46	349S
Taylor's Feed Store, Lampasas, Texas.							
Taylor's Special Laying Mash.....	20.00	3.50	7.00	45.00	.....	.....	899B
Analysis.....	22.11	4.64	5.92	49.18	8.43	9.72	19W
Taylor's All-Mash Chick Starter.....	17.00	4.00	5.50	52.00	.....	.....	899C
Analysis.....	19.40	5.06	4.76	53.97	9.08	7.73	406W
Taylor's Growing Mash.....	16.00	3.50	7.00	53.00	.....	.....	899E
Analysis.....	19.02	4.42	6.13	52.98	9.78	7.67	486W
Taylor Grain Company, Van Alstyne, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	104C
Analysis.....	9.41	2.66	11.35	62.21	11.19	3.18	435F
Texana Brand Dairy Feed.....	24.00	4.00	11.50	42.00	.....	.....	104M
Analysis.....	26.26	4.71	10.20	43.87	8.74	6.22	103T

^{a, b, c, d, e, f, g, h, i, j, k.}—See legend at the beginning of this table.⁴⁰⁴Short in weight. Even-weighted to 100 lbs. net and sale resumed.⁴⁰⁵Deficient in ground oyster shell.⁴⁰⁶Excess of salt found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Temple Cotton Oil Company, Ashdown, Arkansas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1248A
Analysis.....	43.27	6.93	9.01	27.51	6.90	6.38	328T
Temple Feed & Fuel Company, Temple, Texas.							
Temco All-Mash Chick Starter.....	16.00	3.50	4.50	56.00	.....	.....	2129N
Analysis.....	18.05	4.95	4.60	56.01	9.88	6.51	215W
Analysis.....	17.63	4.70	4.56	56.93	9.98	6.20	346W
Terminal Grain Company, Fort Worth, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	960P
Analysis ⁴⁰⁷	10.67	4.30	9.74	61.05	10.19	4.05	194T
Analysis.....	10.83	3.04	8.87	63.24	10.12	3.90	242T
Blue Tag Dairy Feed.....	18.40	4.00	9.70	49.00	.....	.....	960T
Analysis ⁴⁰⁸	19.12	3.63	9.49	51.46	10.45	5.85	61T
Blue Tag Egg Mash with Buttermilk and Cod Liver Oil.....	21.50	3.50	5.40	49.00	.....	.....	960A6
Analysis.....	23.17	5.12	5.22	48.76	9.17	8.56	459T
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	960B4
Analysis.....	10.86	6.43	3.42	69.20	8.26	1.83	59T
Terrell Milling Company, Terrell, Texas.							
Red Diamond 5 Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	125G
Analysis ⁴⁰⁹	20.70	5.37	7.05	45.43	9.86	11.59	282F
Screenings and Molasses.....	8.20	2.20	7.50	61.00	.....	.....	125R
Analysis.....	10.52	2.62	7.25	60.98	10.75	7.88	126W
Bunko Brand Sweet Feed.....	10.00	2.00	14.50	53.00	.....	.....	125Y
Analysis.....	12.10	2.21	11.19	56.85	12.80	4.85	281F
Analysis ⁴¹⁰	10.70	2.15	12.60	55.44	14.30	4.81	291T
Red Diamond Brand Sweet Feed.....	10.00	2.00	12.00	55.00	.....	.....	125A3
Analysis.....	12.09	2.17	12.69	55.80	11.65	5.60	190F
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	125A5
Analysis.....	8.40	3.37	8.49	61.72	10.91	7.11	370F
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	125A8
Analysis.....	11.28	4.35	14.43	55.66	9.38	4.90	198F
TMCO Mixed Feed.....	13.00	2.60	9.00	55.00	.....	.....	125B3
Analysis.....	14.20	3.55	5.16	61.35	11.63	4.11	462F
Texarkana Cotton Oil Corporation, Texarkana, Arkansas-Texas.							
43% Protein Cottonseed Meal.....	43.00	5.00	12.00	23.00	.....	.....	1272D
Analysis.....	43.26	5.79	11.00	27.36	6.27	6.32	379M
Analysis.....	43.74	7.04	7.40	28.69	6.82	6.31	333T
Analysis.....	43.47	5.93	10.31	28.19	5.69	6.41	372T
43% Protein Nut-Size Cottonseed Cake.....	43.00	5.00	12.00	23.00	.....	.....	1272G
Analysis.....	41.97	5.87	10.57	28.49	6.73	6.37	151F
Texas City Feed Store, Texas City, Texas.							
Bolestor Scratch Feed.....	10.50	3.00	3.00	70.00	.....	.....	1357B
Analysis.....	12.16	2.64	1.91	70.36	11.33	1.60	452M
Texas Cotton Industries, Marfa, Texas.							
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	832A
Analysis.....	28.70	6.00	21.91	33.97	4.43	4.99	31S

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.⁴⁰⁷Approx. 20% of corn meal and kafir meal found.⁴⁰⁸Deficient in ground limestone and salt.⁴⁰⁹Excess of ground oyster shell found.⁴¹⁰Ground peanut hulls found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Texas Cotton Industries, Marfa, Texas—Continued.							
28% Protein Whole-Pressed Cottonseed Pellets.....	28.00	6.00	23.00	29.00	.....	.....	832B
Analysis.....	25.86	5.26	25.22	32.51	6.65	4.50	109S
Analysis.....	28.26	5.24	22.92	27.99	11.24	4.35	255S
Texas Farm Products Company, Nacogdoches, Texas.							
Lone Star Brand Dairy Feed.....	18.00	3.00	9.50	49.00	.....	.....	256E
Analysis.....	18.36	3.62	7.85	52.41	12.11	5.65	439F
Lone Star Brand Laying Mash.....	20.50	3.40	8.00	46.00	.....	.....	256H
Analysis.....	19.87	4.40	7.41	48.14	10.70	9.48	297F
Lone Star Brand Broiler Mash.....	18.50	5.50	6.00	49.00	.....	.....	256W
Analysis.....	17.89	5.14	5.98	53.72	9.62	7.65	296F
11% Protein Sweet Mixed Feed.....	11.00	1.50	30.00	37.00	.....	.....	256A4
Analysis.....	10.80	1.98	26.99	38.58	11.63	10.02	440F
East Texas Special Egg Mash.....	18.50	3.50	8.00	47.50	.....	.....	256A9
Analysis ⁴¹¹	19.44	4.51	7.45	49.80	9.08	9.72	295F
Texas Feed Mill & Elevator Company, Electra, Texas.							
Lone Star Brand Chick Starter and Grower Mash.....	17.00	3.50	7.00	50.00	.....	.....	659D
Analysis.....	19.10	4.74	7.80	51.37	9.45	7.54	352T
Lone Star Goodnuf Brand Cow Feed.....	18.00	3.00	17.00	41.50	.....	.....	650L
Analysis.....	18.80	3.67	16.43	44.89	9.40	6.81	171T
Lone Star Brand Growing Mash.....	17.00	3.50	7.50	51.00	.....	.....	650M
Analysis.....	18.77	4.28	8.11	52.22	9.72	6.90	260T
Lone Star Best Brand Egg Mash.....	18.50	3.50	7.00	45.50	.....	.....	650O
Analysis ⁴¹²	19.66	4.80	6.14	52.30	8.89	8.21	96T
Texas Milk Products Company, Marshall, Texas, and Branches.							
Dried Skimmed Milk.....	34.00	0.20	0.00	50.00	.....	.....	1581A
Analysis.....	34.02	1.71	.17	51.76	4.32	8.02	450F
Texas Mill & Elevator Company, Abilene, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	980J
Analysis ⁴¹³	14.30	3.87	12.64	53.64	10.82	4.73	155S
Bulky Sweet Feed.....	9.00	1.50	16.00	57.00	.....	.....	980L
Analysis.....	10.10	1.29	15.99	50.07	11.29	11.26	74S
Abtex Super-Layer Brand Egg Mash with Cod Liver Oil.....	18.00	3.60	7.00	44.50	.....	.....	980O
Analysis.....	20.61	4.43	4.98	51.92	10.17	7.89	472S
Abtex All-Mash Starter and Grower.....	16.50	3.50	6.00	53.00	.....	.....	980R
Analysis.....	18.33	4.27	5.93	53.68	10.43	7.36	230S
Abtex Special Growing Mash with Charcoal and Cod Liver Oil.....	16.50	3.60	7.00	52.00	.....	.....	980Y
Analysis.....	18.68	5.08	5.98	54.96	9.36	5.94	374S
Abilene Egg Laying Mash.....	20.00	4.00	8.00	45.00	.....	.....	980D6
Analysis.....	21.25	4.84	6.44	49.84	7.07	10.56	4S
All-Weather Brand Egg Laying Mash.....	18.50	3.50	7.00	48.00	.....	.....	980D9
Analysis.....	18.52	4.59	6.35	51.68	9.89	8.97	161S
Analysis.....	19.96	4.78	6.03	51.02	8.46	9.75	430S
Texas Milling Company, Clifton, Texas.							
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	1917D
Analysis.....	19.30	4.88	6.23	54.41	10.93	4.25	225F
Analysis.....	18.94	4.50	5.92	54.81	11.38	4.45	446F

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴¹¹Excess of ground oyster shell found.⁴¹²Linseed meal found, not claimed.⁴¹³Some corn meal present. Moldy odor.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Texas Milling Company, Clifton, Texas—Continued.							
Wheat Gray Shorts and Screenings—Continued.							
Analysis ^{e414}	18.77	4.49	6.59	55.59	9.98	4.58	54M
Analysis.....	17.70	4.86	5.78	59.86	7.74	4.06	28W
Analysis.....	16.82	4.70	5.98	60.66	7.67	4.17	133W
Texaco Turkey Growing and Fattening Mash.....	20.00	3.50	7.00	48.00	.....	.....	1917P
Analysis ⁴¹⁵	20.60	4.83	6.65	49.72	9.61	8.59	473W
Pay Day Brand 5 Egg Mash.....	19.00	3.50	7.50	46.00	.....	.....	1917T
Analysis ⁴¹⁶	18.94	4.78	6.55	52.35	9.62	7.76	451W
Corn Feed Meal.....	8.00	3.00	3.00	67.00	.....	.....	1917X
Analysis ^{d a}	10.71	4.27	2.59	70.08	10.24	2.11	441T
Texas Refining Company, Greenville, Texas.							
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	2105F
Analysis.....	43.44	6.59	10.67	27.05	6.72	5.53	210F
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	2105G
Analysis.....	43.27	6.69	11.31	27.17	5.67	5.89	13F
Analysis.....	44.60	6.55	9.91	26.38	6.94	5.62	99F
Analysis.....	43.53	6.75	10.14	26.24	7.80	5.54	209F
Analysis.....	43.07	6.85	10.57	26.52	7.89	5.10	326T
Texas Rice Milling Company, Galveston, Texas.							
Texmill Rice Polishings.....	11.00	6.00	4.00	55.00	.....	.....	603A
Analysis.....	12.54	10.43	2.58	58.64	10.31	5.50	84M
Texmill Rice Bran containing Precipitated Carbonate of Lime.....	13.50	13.50	12.00	42.00	.....	.....	603B
Analysis.....	13.15	17.51	11.61	38.47	8.52	10.74	158M
Analysis.....	13.50	19.08	9.59	38.05	8.24	11.54	453M
Texas Star Flour Mills, Galveston, Texas.							
Wheat Bran and Screenings.....	15.00	3.20	10.00	53.00	.....	.....	146H
Analysis.....	17.56	4.60	9.55	51.87	10.44	5.98	25M
Wheat Gray Shorts.....	17.50	4.00	6.00	55.00	.....	.....	146I
Analysis.....	18.30	4.31	6.23	56.77	9.97	4.42	320K
Analysis ^{b e417}	17.60	4.02	6.91	58.26	8.49	4.72	35M
Analysis.....	19.94	4.18	5.95	54.14	11.86	3.93	85M
Analysis ^{b e417}	19.30	4.19	6.43	53.36	12.14	4.58	219M
Analysis.....	18.93	4.42	6.09	54.46	12.35	3.75	176T
Analysis ⁴¹⁸	18.44	4.07	6.27	55.10	11.75	4.37	228T
Analysis.....	18.30	4.32	5.90	56.84	10.74	3.90	265W
All-Star Brand Sweet Feed.....	10.00	2.00	25.00	50.00	.....	.....	146Q
Analysis ^{b k}	8.90	1.24	12.07	54.54	11.50	11.75	385M
Thief River Falls Co-Operative Creamery, Thief River Falls, Minnesota.							
Dried Buttermilk.....	32.00	5.00	1.00	35.00	.....	.....	623A
Analysis ^{d a419}	31.43	6.10	.29	46.47	7.23	8.48	470H

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

⁴¹⁴Wheat brown shorts and screenings.⁴¹⁵Deficient in salt.⁴¹⁶Deficient in ground oyster shell.⁴¹⁷Wheat brown shorts.⁴¹⁸Wheat brown shorts and corn meal.⁴¹⁹Used in manufacture of mixed feed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Thornton's Feed Mill, Cisco, Texas.							
Thornton's Laying Mash.....	18.00	3.50	6.00	50.50	.....	.....	2249B
Analysis ⁴²⁰	19.51	4.40	5.93	54.29	10.43	5.44	222S
Thornton's Dairy Cow Feed.....	21.00	4.10	10.00	48.00	.....	.....	2249I
Analysis ⁴²¹	22.46	4.84	9.96	51.02	6.93	4.79	1S
Analysis.....	22.00	5.56	10.68	47.33	9.50	4.93	423S
Thornton's Growing Mash with Iron Oxide.....	17.00	3.60	7.50	50.00	.....	.....	2249U
Analysis ^e	18.28	4.37	6.58	54.03	9.45	7.29	362S
Thornton's Egg Mash with Iron Oxide.....	20.00	3.80	7.20	46.50	.....	.....	2249V
Analysis ^e	22.06	4.68	6.84	48.96	9.02	8.44	62S
Thornton's Chick Starter with Iron Oxide.....	16.50	3.00	5.00	53.00	.....	.....	2249W
Analysis ^e	18.00	4.78	5.08	53.86	9.83	8.45	297S
Throckmorton Mill & Elevator Company, Throckmorton, Texas.							
Wheat Mixed Feed and Scourings....	15.00	3.50	8.50	52.00	.....	.....	894A
Analysis.....	17.25	3.68	6.64	56.99	10.94	4.50	149S
Tidwell Fuel & Feed Company, El Paso, Texas.							
Success Brand Growing Mash.....	16.00	3.50	6.50	52.00	.....	.....	662D
Analysis.....	16.70	4.45	4.86	56.74	9.95	7.30	391S
Tidwell's Success Brand Chick Starter.....	16.50	4.00	4.50	54.50	.....	.....	662F
Analysis.....	18.18	4.88	3.40	58.44	7.85	7.25	246S
Tidwell's Success Brand Laying Mash with Charcoal.....	20.50	3.70	8.00	43.50	.....	.....	662J
Analysis ⁴²²	20.50	5.19	7.02	48.46	9.13	9.70	325S
Tidwell's Egg-Producer Brand Laying Mash with Charcoal.....	19.50	3.80	8.00	46.00	.....	.....	662K
Analysis ^e	21.53	5.10	8.44	49.37	7.56	8.00	98S
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	662Q
Analysis.....	16.13	3.73	5.20	62.56	8.80	3.58	25S
More-Milk Brand Dairy Feed with Molasses.....	17.00	4.50	8.50	50.00	.....	.....	662T
Analysis.....	18.06	5.16	7.32	56.35	7.84	5.27	26S
45% Protein Meat and Bone Scraps..	45.00	6.00	3.00	0.00	.....	.....	662A9
Analysis ⁴²³	47.65	13.50	1.30	.97	7.33	29.25	182S
Dried Skimmed Milk.....	34.00	0.20	0.00	50.00	.....	.....	662B1
Analysis.....	36.84	.81	.12	49.33	4.35	8.55	243S
Tobian & Company, Louis, Dallas, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	955A
Analysis ⁴²⁴	44.40	6.92	9.71	25.02	7.41	6.54	81M
Analysis ^e	42.27	5.59	10.54	28.45	7.08	6.07	333M
Analysis ⁴²⁵	43.26	5.94	9.78	24.82	9.51	6.69	376M
Analysis.....	42.87	5.50	10.02	27.72	7.45	6.44	464M
Analysis.....	43.60	5.60	9.34	28.49	6.45	6.52	342T
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	25.00	.....	.....	955B
Analysis.....	43.04	5.86	9.92	27.88	6.35	6.95	111K
Navy Brand 41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	955E
Analysis ^{a c}	40.04	7.90	10.89	28.00	7.20	5.97	92M
Analysis ^{b c}	39.79	7.10	11.56	28.90	6.52	6.13	352M
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	955F
Analysis ^e	27.25	5.02	24.33	31.52	7.26	4.62	218M

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴²⁰Alfalfa meal found, not claimed.⁴²¹Some ground corn cobs found, not claimed.⁴²²Excess of ground limestone found.⁴²³Salt and animal hair found.⁴²⁴Off quality.⁴²⁵In stock of consumer. Tags present but not attached.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Tobian & Company, Louis, Dallas, Texas—Continued.							
28% Protein Whole-Pressed Cottonseed—Continued.							
Analysis <i>b c</i>	26.69	5.63	24.84	32.39	5.65	4.80	226M
Analysis <i>b c</i>	25.55	5.26	26.52	34.14	3.55	4.98	285M
Analysis <i>b c</i>	26.29	5.68	26.31	32.94	3.83	4.95	301M
Analysis <i>c</i>	27.38	6.02	26.82	30.99	4.07	4.72	302M
Tornillo Cotton Oil Company, Tornillo, Texas.							
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	1852A
Analysis.....	28.40	6.60	21.49	35.06	3.66	4.79	34S
Analysis.....	28.30	6.07	21.84	34.37	4.61	4.81	331S
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	1852B
Analysis <i>c</i>	25.78	5.84	22.53	35.57	5.89	4.39	240S
Analysis <i>c</i>	26.51	6.00	21.37	35.28	5.90	4.94	317S
Analysis <i>c</i>	26.96	6.14	19.45	36.52	5.93	5.00	383S
28% Protein Whole-Pressed Cottonseed Cubes.....	28.00	6.00	23.00	29.00	.....	.....	1852C
Analysis.....	28.09	6.11	22.07	32.99	5.91	4.83	171S
Traders Oil Mill Company, Fort Worth, Texas.							
43% Protein Cracked Cottonseed Cake.....	43.00	5.20	12.00	23.00	.....	.....	2610C
Analysis.....	43.59	6.25	8.65	27.74	7.00	6.77	193K
Analysis.....	43.41	5.97	9.02	27.40	7.24	6.96	194K
Analysis ⁴²⁶	42.57	5.68	10.55	27.78	7.21	6.21	210K
Analysis.....	43.46	5.78	8.21	28.89	7.62	6.04	117S
Analysis.....	43.98	5.81	9.90	27.29	6.79	6.23	128S
Analysis.....	44.46	6.22	10.65	28.17	4.55	5.95	280S
Analysis <i>c</i>	42.20	5.59	10.17	28.74	6.75	6.55	F
Analysis <i>c</i>	42.37	5.84	9.85	29.48	5.62	6.84	G
Analysis.....	42.61	5.81	9.65	29.54	5.71	6.68	H
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	2610D
Analysis.....	43.12	6.46	9.86	27.53	6.86	6.17	130K
Analysis.....	43.99	6.21	10.58	27.54	6.06	5.62	148K
Analysis.....	43.08	6.30	9.56	26.90	8.31	5.85	136S
Analysis.....	43.64	6.30	10.99	28.16	5.52	5.39	12T
Analysis.....	49.40	5.88	7.62	25.40	5.65	6.05	460T
Analysis ⁴²⁷	43.42	5.78	11.87	26.18	7.13	5.62	473T
Analysis.....	42.56	5.85	12.40	28.25	5.13	5.81	50W
Analysis.....	43.34	6.07	9.19	27.70	7.25	6.45	168W
Analysis.....	45.86	5.99	8.86	27.01	5.89	6.39	262W
43% Protein Cottonseed Pellets.....	43.00	5.20	12.00	23.00	.....	.....	2610I
Analysis.....	43.25	5.67	8.67	28.25	7.68	6.48	214K
Analysis <i>c</i>	41.83	5.95	9.46	28.13	8.35	6.28	289K
Analysis <i>b c</i>	41.82	6.28	9.36	27.51	9.12	5.91	134S
Analysis <i>b c</i>	41.86	5.85	9.68	29.16	7.48	5.97	211S
Analysis.....	44.62	6.11	9.37	27.73	5.94	6.23	281S
Analysis.....	43.00	6.22	8.85	27.75	7.74	6.44	140T
Transit Grain & Commission Company, Fort Worth, Texas.							
Howdy 20% Protein Dairy Feed.....	20.00	3.20	13.50	45.50	.....	.....	1839G
Analysis.....	18.85	2.33	12.59	43.13	11.96	11.14	475F
Analysis.....	17.28	2.84	14.91	47.35	9.05	8.57	483K
Analysis.....	20.92	3.85	11.78	45.63	9.17	8.65	124W
Vitrena Brand Layem.....	18.00	3.50	6.00	48.00	.....	.....	1839M
Analysis ^j	21.46	4.21	5.07	50.52	9.19	9.55	56S
Analysis ^{j e}	19.18	4.38	5.80	51.69	9.08	9.87	125W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.⁴²⁶Coarsely ground cottonseed meal.⁴²⁷Off quality.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Transit Grain & Commission Company, Fort Worth, Texas—Continued.							
Vitreña Brand Layem with Manganese Sulphate.....	18.00	3.50	6.50	48.00	.....	.....	1839M
Analysis ^{j e}	18.60	4.14	6.11	52.84	9.30	9.01	227K
Vitreña Brand 24% Protein Chick Starter Supplement with Manganese Sulphate.....	24.00	5.00	6.00	37.50	.....	.....	1839R
Analysis ⁴²⁸	28.65	5.51	5.86	36.25	8.02	15.71	324T
Howdy Sweet Feed.....	9.00	1.50	15.00	55.00	.....	.....	1839T
Analysis.....	11.56	1.68	10.61	55.04	10.12	10.99	87T
Howdy Laying Mash.....	18.00	3.50	7.00	51.00	.....	.....	1839U
Analysis.....	20.93	4.23	5.42	55.87	7.49	6.06	42K
Howdy 37% Protein Laying Mash Supplement.....	37.00	4.50	10.00	18.00	.....	.....	1839Y
Analysis ^k	37.50	6.13	9.49	21.63	6.14	19.11	323T
Vit-A-Way Brand Startem.....	18.00	3.50	6.00	53.00	.....	.....	1839A7
Analysis.....	20.84	4.21	4.76	52.42	10.36	7.41	365T
Vit-A-Way Brand Sweet Feed.....	9.00	2.00	8.00	61.00	.....	.....	1839C3
Analysis.....	9.28	1.43	11.56	53.49	10.50	13.74	407K
Vitreña Brand 24% Protein Chick Starter Supplement.....	24.00	5.00	6.00	37.50	.....	.....	1839C7
Analysis.....	26.14	5.51	5.85	38.44	8.48	15.58	458W
Tremaine Alfalfa Ranch & Milling Company, Inc., Mesa, Arizona.							
Tremaine Brand Alfalfa Meal.....	16.00	2.00	25.00	40.00	.....	.....	1018A
Analysis.....	15.33	1.59	28.30	37.38	7.54	9.86	169F
Arizona Brand Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	1018G
Analysis.....	18.10	1.67	18.36	41.32	8.55	12.00	170F
Trevathan, W. E. Lufkin, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1764D
Analysis.....	8.80	2.65	11.79	63.01	12.08	1.67	268M
Trinity Cotton Oil Company, Dallas, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	120F
Analysis ^e	42.30	7.79	10.46	27.23	6.74	5.48	132S
Analysis.....	43.37	6.93	10.73	27.14	6.10	5.73	55T
Analysis.....	43.86	6.52	10.20	27.11	6.57	5.74	135T
Analysis.....	44.71	6.66	7.58	28.84	6.22	5.99	330T
Analysis.....	43.56	7.29	11.13	27.16	4.93	5.93	52W
Trinity Heights Hatchery, Dallas, Texas.							
Drew's Best Breeder Mash with Charcoal.....	20.50	4.50	7.50	46.00	.....	.....	2354A
Analysis.....	22.16	5.38	6.80	47.37	9.38	8.91	237T
Analysis ^e	21.28	4.57	7.03	47.24	9.83	10.05	285T
Drew's Best All-Mash Starter.....	18.50	4.50	5.50	52.00	.....	.....	2354D
Analysis.....	21.63	5.18	5.91	48.56	10.02	8.70	285T
Troll's Feed Mill, LeRoy, Cranfills Gap, Texas.							
LeRoy's Laying Mash with Charcoal.....	18.00	3.50	6.50	47.00	.....	.....	1444B
Analysis ^e	20.94	4.97	6.62	48.48	8.00	10.99	79W
LeRoy's Chick Starter.....	17.00	3.50	6.00	53.00	.....	.....	1444C
Analysis.....	18.90	4.15	5.81	56.94	7.15	7.05	479W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

⁴²⁸Registration canceled.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Tulia Milling Company, Tulia, Texas.							
Wheat Mixed Feed and Screenings...	16.00	3.50	8.50	52.00	.....	.....	317B
Analysis.....	22.21	3.62	5.48	55.60	8.81	4.28	85K
Turrentine, J. A., Levelland, Texas.							
Turrentine's Chick and Pullet Mash..	17.00	3.50	6.00	55.00	.....	.....	184B
Analysis ⁴²⁹	18.21	4.20	5.20	56.51	9.20	6.68	348K
Turrentine's Egg Mash.....	18.00	3.50	7.00	49.00	.....	.....	184C
Analysis.....	20.60	3.80	5.72	52.32	8.87	8.69	76K
Tyler Feed & Seed Company, Tyler, Texas.							
Smith County Special Growing Mash..	17.00	3.50	6.50	48.50	.....	.....	121E
Analysis.....	15.93	4.94	5.04	58.15	10.31	5.63	188F
Analysis.....	17.40	3.75	4.02	59.64	10.30	4.89	411F
Smith County Special 24% Protein Dairy Feed.....	24.00	4.00	11.00	41.50	.....	.....	121F
Analysis.....	22.62	3.50	10.23	44.00	8.03	11.62	5F
Analysis.....	22.74	5.04	6.96	47.05	9.24	8.97	412F
Smith County All-Mash Poultry Ration.....	15.00	3.50	7.00	50.00	.....	.....	121H
Analysis.....	16.34	4.12	5.59	59.65	8.86	5.44	4F
Tyrrell Rice Milling Company, Beaumont, Texas.							
Rice Polishings.....	11.00	6.00	4.00	55.00	.....	.....	2043A
Analysis ⁴³⁰	13.20	13.01	3.89	47.17	9.84	12.89	282M
Analysis.....	11.40	14.96	2.34	39.01	8.19	24.10	340M
Ultra-Life Laboratories, Inc., East Saint Louis, Illinois.							
Ultra-Life Brand Mixing Feed with Minerals.....	22.00	6.50	5.50	49.50	.....	.....	1791A
Analysis.....	24.30	8.64	4.07	47.80	7.80	7.39	105W
Union Feed Company, San Antonio, Texas.							
Little Boy Blue Laying Mash.....	20.00	3.70	7.00	45.00	.....	.....	1642A
Analysis ⁴³¹	19.52	4.20	6.93	50.92	8.86	9.57	67H
Analysis ⁴³¹	18.62	4.38	7.52	51.11	8.95	9.42	99H
Analysis.....	21.81	5.11	5.14	48.05	9.05	10.84	477H
Little Boy Blue All-Mash Brooder Mash.....	16.50	3.80	7.00	51.00	.....	.....	1642F
Analysis.....	18.67	4.90	5.99	53.42	10.25	6.77	348H
Analysis ⁴³²	19.01	3.66	5.24	56.58	10.46	5.05	417W
Rancho Grande Brand 16% Protein Dairy Feed.....	16.00	3.00	12.00	47.50	.....	.....	1642R
Analysis.....	15.65	2.45	11.90	48.07	12.69	9.24	242H
Analysis.....	16.80	2.73	12.45	47.01	12.45	8.56	419H
Little Boy Blue 34% Protein Poultry Mash Concentrate.....	34.00	5.00	10.00	24.00	.....	.....	1642U
Analysis.....	35.60	5.87	5.78	26.58	8.45	17.72	213H
Little Boy Blue Growing Mash.....	15.50	3.50	5.50	52.00	.....	.....	1642V
Analysis.....	18.61	4.61	5.03	55.82	7.46	8.47	31H
Analysis.....	18.55	4.60	4.91	53.05	11.45	7.44	389H
Little Boy Blue Starter with Charcoal.....	18.00	3.80	5.00	52.00	.....	.....	1642X
Analysis ⁴³³	18.68	5.30	4.11	52.58	11.92	7.41	347H

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

⁴²⁹Ground oyster shell claimed, not found. Salt found, not claimed.⁴³⁰Carbonate of lime found, not claimed.⁴³¹141% protein soybean oil meal and 34% protein linseed meal claimed, not found.⁴³²Charcoal found, not claimed.⁴³³Deficient in salt.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Union Feed Company.							
San Antonio, Texas—Continued.							
Little Boy Blue Broiler Mash.....	18.50	4.00	6.00	50.00	.....	.....	1642Y
Analysis.....	19.10	5.46	5.52	54.61	8.48	6.83	30H
Analysis.....	19.78	4.38	5.11	50.90	11.90	7.93	276H
Little Boy Blue 24% Protein Dairy Feed.....	24.00	3.80	10.00	42.00	.....	.....	1642A3
Analysis.....	25.75	3.60	9.88	42.69	11.00	7.08	214H
Analysis.....	27.00	2.49	8.51	42.77	10.92	8.31	435H
Ranchman's Favorite Brand Mixed Feed.....	14.80	3.20	17.30	43.50	.....	.....	1642C1
Analysis ⁴³⁴	11.74	1.57	16.85	41.87	10.92	17.05	436H
El Rancho Brand Sweet Feed.....	9.00	2.00	23.00	43.00	.....	.....	1642C8
Analysis.....	10.29	3.56	21.29	42.80	10.45	11.61	68H
Little Boy Blue Laying Mash Pellets.....	20.00	3.70	7.00	45.00	.....	.....	1642D2
Analysis.....	20.10	5.05	7.44	45.88	11.03	10.50	215H
Little Boy Blue Flushing Mash with Dried Whey and Manganese Sulphate.....	13.50	2.00	3.70	52.00	.....	.....	1642D5
Analysis.....	16.30	3.23	4.63	59.24	9.88	6.72	111H
Magnetic Brand Sweet Feed.....	9.00	1.80	33.00	38.00	.....	.....	1642E5
Analysis ⁴³⁵	8.07	2.55	26.49	41.42	12.28	9.19	243H
Analysis ⁴³⁶	7.62	1.29	27.53	38.87	12.41	12.28	420H
Little Bo-Peep Laying Mash with Manganese Sulphate.....	18.00	3.50	8.00	49.00	.....	.....	1642F5
Analysis ⁴³⁷	19.71	6.44	7.47	46.75	9.37	10.26	286H
Little Bo-Peep Laying Mash.....	18.00	3.50	8.00	49.00	.....	.....	1642F5
Analysis.....	19.99	5.58	7.18	46.39	9.67	11.19	424M
Union Oil Mills,							
Hubbard, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	343G
Analysis.....	42.09	5.84	11.58	28.46	7.05	4.98	36W
Analysis.....	43.76	6.27	10.90	25.54	8.08	5.45	122W
Analysis.....	44.29	5.92	10.19	25.86	8.24	5.50	228W
Union Oil Mill, Inc., The,							
West Monroe, Louisiana.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1639A
Analysis.....	43.21	5.83	10.14	27.39	7.09	6.34	349H
Union 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	1639B
Analysis.....	43.43	6.54	9.30	28.04	6.24	6.45	126F
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	1639C
Analysis.....	41.33	5.35	11.10	28.47	7.26	6.49	435M
United Mills Company, Inc.,							
Kansas City, Kansas.							
U. M. C. Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	.....	.....	2126B
Analysis ⁴³⁸	17.24	3.76	6.74	57.16	10.77	4.33	185F
Analysis ⁴³⁸	17.27	4.10	6.30	57.41	10.73	4.19	148M
Analysis.....	17.35	3.90	6.23	57.38	10.61	4.53	197M
Analysis ⁴³⁸	17.99	4.52	7.03	56.56	8.99	4.91	39T
Analysis ⁴³⁸	17.41	4.06	7.00	56.39	10.53	4.61	86T
Analysis ⁴³⁸	17.87	4.27	7.47	56.85	8.61	4.93	48W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴³⁴Deficient in 43% protein cottonseed meal. Considerable quantity of sand present probably derived from peanut hay used.⁴³⁵Ground rice hulls substituted in part for ground peanut hulls.⁴³⁶Deficient in ground oyster shell.⁴³⁷Excess of ground oyster shell found.⁴³⁸Wheat brown shorts and screenings.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Universal By-Products Company,							
San Francisco, California.							
Universal Dried Buttermilk.....	33.40	5.00	1.00	35.00	.....	.....	185B
Analysis.....	33.70	5.72	.16	47.45	5.70	7.27	185B
Challenge Brand Dried Skimmed Milk.....	35.00	0.70	0.00	50.00	.....	.....	185C
Analysis.....	35.04	1.01	.08	48.80	6.35	8.72	185C
Universal Mills,							
Fort Worth, Texas.							
Red Chain Three-to-One Dairy Feed.....	18.00	3.00	11.00	47.00	.....	.....	2635D
Analysis.....	22.30	2.35	7.55	48.23	10.05	9.52	237K
Wheat Brown Shorts and Screenings.....	17.50	4.50	7.50	53.00	.....	.....	2635E
Analysis.....	18.30	4.07	4.16	59.79	10.28	3.40	409K
Analysis.....	18.26	4.08	5.07	58.10	11.23	3.26	91M
Red Chain Dairy Feed.....	24.00	4.00	11.00	41.00	.....	.....	2635N
Analysis.....	26.46	3.45	8.17	46.25	7.21	8.46	54K
Analysis.....	27.95	3.43	7.39	48.10	7.57	5.56	5T
Red Chain Egg Mash with Charcoal.....	19.00	4.00	5.00	50.00	.....	.....	2635Q
Analysis.....	20.58	4.59	6.11	53.31	9.04	6.37	9W
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	2635R
Analysis.....	11.10	7.06	4.71	65.93	8.96	2.24	75T
Blue Chain Lay Mash Nuggets.....	19.00	4.00	7.00	47.00	.....	.....	2635W
Analysis.....	19.24	3.78	6.40	53.14	10.91	6.53	228K
Red Chain Growing Mash with Manganese Sulphate.....	16.00	3.50	7.50	49.00	.....	.....	2635A5
Analysis..... ^{e439}	18.59	4.52	6.08	55.27	10.07	5.47	404K
Red Chain Chick Starter with Manganese Sulphate.....	18.00	4.00	6.00	52.00	.....	.....	2635B3
Analysis.....	20.31	4.40	5.37	53.70	9.47	6.75	328K
Analysis..... ^e	20.74	4.35	5.24	53.17	10.00	6.50	300T
Red Chain Lone Star Brand Range Nuggets.....	16.50	3.00	10.00	48.00	.....	.....	2635C4
Analysis..... ^k	19.55	3.06	6.44	55.25	7.68	8.02	140K
Analysis..... ^{k e}	19.18	3.16	6.73	55.52	8.09	7.32	112S
Red Chain Lone Star Brand Range Nuggets.....	17.00	3.00	8.00	51.00	.....	.....	2635C4
Analysis.....	18.53	3.04	6.88	53.14	11.40	7.01	308K
Analysis.....	20.38	3.25	7.10	52.07	9.62	7.58	350M
Analysis.....	19.59	3.69	5.82	56.20	8.03	6.67	333S
Wheat Gray Shorts and Screenings.....	17.00	3.50	6.00	55.00	.....	.....	2635C5
Analysis.....	18.12	4.36	5.60	56.31	12.05	3.56	240K
Analysis..... ^{b e440}	17.52	4.72	6.49	55.57	11.89	3.81	203T
Analysis.....	18.10	4.03	5.95	56.42	11.90	3.60	322T
Analysis.....	18.11	3.86	4.86	58.45	11.39	3.33	537W
Wheat Bran and Screenings.....	15.50	3.00	10.00	50.00	.....	.....	2635C9
Analysis.....	16.85	4.28	9.98	52.66	10.07	6.16	90M
Red Chain Egg Mash Nuggets with Manganese Sulphate.....	19.00	3.50	7.50	48.00	.....	.....	2635D3
Analysis..... ^e	21.99	4.58	5.40	52.66	8.19	7.18	141K
Red Chain Moful Stock Feed.....	11.00	2.50	14.00	52.00	.....	.....	2635D9
Analysis..... ^{e441}	14.00	2.31	10.31	51.95	12.08	9.35	318K
Red Chain All-Mash Chick Starter with Manganese Sulphate.....	18.00	3.60	6.50	49.00	.....	.....	2635G6
Analysis..... ^e	20.46	4.52	4.19	54.37	10.36	6.10	350F
Red Chain All-Mash Chick Starter.....	18.00	3.60	6.50	49.00	.....	.....	2635G6
Analysis..... ⁴⁴²	20.18	4.30	4.97	54.23	9.57	6.75	453W
Red Chain Fine-Finish Brand Fattner.....	13.00	4.00	5.30	61.00	.....	.....	2635G7
Analysis.....	17.02	5.91	6.44	59.63	6.72	4.28	50K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴³⁹Deficient in precipitated calcium carbonate.⁴⁴⁰Wheat brown shorts and screenings.⁴⁴¹1% protein soybean oil meal claimed, not found. Carbonate of lime found, not claimed.⁴⁴²Deficient in precipitated calcium carbonate.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Universal Mills,							
Port Worth, Texas—Continued.							
Universal Brand 18% Protein Dairy Feed.....	18.00	3.50	10.00	49.00	.....	.....	2635G8
Analysis ^{e443}	18.06	2.93	8.14	52.75	9.35	8.77	134K
Analysis ^j <i>e</i>	19.20	2.60	9.19	49.05	11.70	8.26	272H
Analysis ^j	19.19	2.77	8.54	49.97	11.90	7.63	463H
Red Chain Brand Bulky Alcomo Horse and Mule Feed.....	9.50	3.40	11.00	50.00	.....	.....	2635G9
Analysis ⁴⁴⁴	11.30	4.81	9.77	59.47	10.76	3.89	396K
Red Chain All-Purpose Growing Mash.....	15.00	3.50	8.00	51.00	.....	.....	2635H7
Analysis.....	18.58	3.93	6.30	54.71	10.59	5.89	471W
Red Chain All-Purpose Growing Mash Nuggets.....	15.00	3.50	8.00	51.00	.....	.....	2635H8
Analysis.....	20.42	4.84	6.03	51.55	10.09	7.07	517K
Red Chain All-Purpose Nugget Feed with Charcoal.....	15.50	3.50	6.00	50.00	.....	.....	2635I2
Analysis <i>e</i>	17.80	4.68	5.52	58.22	7.42	6.36	32S
Worthmore Brand Stock Feed Nuggets.....	14.00	2.60	8.50	53.00	.....	.....	2635J1
Analysis.....	16.45	3.06	6.64	58.37	8.21	7.27	145F
Analysis ^{e445}	15.28	2.70	7.33	57.90	8.08	8.71	110S
Analysis <i>e</i>	18.68	3.47	6.60	54.62	9.27	7.36	301T
Analysis.....	17.09	2.95	7.62	56.09	9.02	7.23	463K
Red Chain 36% Protein Lay Mash Supplement.....	36.00	5.00	5.00	25.00	.....	.....	2635J6
Analysis.....	44.08	3.78	4.28	26.39	7.58	13.89	413K
Worthmore Brand Sweet Feed.....	9.00	2.00	14.00	56.00	.....	.....	2635J8
Analysis.....	11.98	2.10	10.24	55.55	11.40	8.73	375W
Blue Chain Lay Mash.....	19.00	4.00	7.00	47.00	.....	.....	2635J9
Analysis.....	17.87	3.41	4.62	57.42	10.15	6.53	445W
Blue Chain 24% Protein Dairy Feed.....	24.00	3.00	11.00	38.00	.....	.....	2635K1
Analysis.....	24.60	2.92	9.08	45.42	9.77	8.21	448S
Analysis.....	24.90	1.76	8.84	43.92	11.61	8.97	141W
Red Chain Broiler Mash Nuggets.....	18.00	3.50	7.30	48.00	.....	.....	2635K3
Analysis.....	19.31	4.55	5.05	56.47	8.50	6.12	488K
Red Chain 36% Protein Chick Gro-mash Supplement.....	36.00	4.00	4.50	19.00	.....	.....	2635L4
Analysis ⁴⁴⁶	42.95	4.35	3.90	27.29	8.60	12.91	340W
Valley Star Seed & Grain Products Company,							
San Juan, Texas.							
The Valley Star Special Mixed Feed..	22.00	3.00	13.00	42.00	.....	.....	790F
Analysis.....	22.70	3.95	11.96	45.85	9.26	6.28	16H
Van Alstyne Cotton Oil Company,							
Van Alstyne, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	428G
Analysis.....	43.88	6.90	10.43	26.43	6.97	5.39	31T
Analysis.....	42.84	6.75	10.89	26.15	8.02	5.35	181T
Vandover's Feed Store,							
Pampa, Texas.							
Royal Brand 18% Protein Dairy Feed with Charcoal and Minerals.....	18.00	3.00	10.00	48.00	.....	.....	689A8
Analysis ^{e447}	16.19	3.00	10.17	53.36	9.89	7.39	30K
Vernon Cotton Oil Company,							
Vernon, Texas.							
43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	593C
Analysis.....	43.24	6.08	10.45	27.07	7.84	5.32	192K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁴³Carbonate of lime found, not claimed.⁴⁴⁴Deficient in precipitated calcium carbonate and salt.⁴⁴⁵Linseed meal found, not claimed.⁴⁴⁶Deficient in precipitated calcium carbonate and salt.⁴⁴⁷Deficient in ground limestone.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Vernon Cotton Oil Company.							
Vernon, Texas—Continued.							
43% Protein Coarsely Ground Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	593E
Analysis.....	42.09	7.13	11.65	27.39	6.11	5.63	117K
Analysis.....	43.59	7.05	10.38	27.22	5.97	5.79	368K
Analysis.....	42.45	7.39	10.24	28.06	6.25	5.61	I
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	593H
Analysis.....	42.47	8.02	10.80	26.62	6.46	5.63	281K
Analysis.....	42.59	7.90	10.59	27.72	5.74	5.46	9T
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	593I
Analysis.....	42.95	7.41	10.72	27.94	5.35	5.63	119K
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	593J
Analysis.....	40.81	9.68	10.49	28.28	5.57	5.17	241K
Analysis.....	40.18	7.81	10.96	29.01	6.00	6.04	412K
Vickers Feed Mill.							
Godley, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	1000A
Analysis.....	11.58	5.81	10.94	57.42	10.47	3.78	377W
Waco Cotton Oil Mill,							
Waco, Texas.							
Panther Brand Mixed Feed.....	11.70	1.70	36.50	35.00	.....	.....	464A
Analysis.....	11.49	1.56	36.32	37.71	7.44	5.48	54W
Analysis.....	10.85	1.62	39.52	34.58	9.22	4.21	355W
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	464F
Analysis.....	43.10	5.99	10.84	27.00	7.27	5.80	160K
Analysis.....	43.28	6.18	11.06	27.81	6.26	5.41	68W
Analysis ^{b c448}	41.11	5.74	11.49	28.13	8.14	5.39	108W
Analysis.....	41.34	6.95	10.84	28.18	7.16	5.53	165W
Analysis.....	42.49	6.56	10.76	26.37	8.32	5.50	249W
Analysis.....	44.08	6.37	10.73	27.41	6.05	5.36	286W
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	464G
Analysis.....	42.04	6.09	10.98	27.79	7.55	5.55	80W
Cotton Bloom Brand 44% Protein Supplement for Hogs.....	44.00	6.50	10.00	16.50	.....	.....	464J
Analysis.....	45.43	7.08	9.70	18.04	6.09	13.66	46W
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	47.00	.....	.....	464K
Analysis.....	21.48	4.98	5.24	50.00	9.76	8.54	270W
Cotton Bloom Brand Laying Mash.....	21.00	4.00	7.00	44.00	.....	.....	464M
Analysis.....	21.66	5.23	6.12	47.86	9.67	9.46	277W
Cotton Bloom Brand Starter and Broiler Mash.....	18.00	4.00	6.50	52.00	.....	.....	464O
Analysis.....	19.53	4.78	4.39	54.12	8.99	8.19	269W
Panther Brand Laying Mash.....	19.00	4.00	7.50	48.00	.....	.....	464P
Analysis.....	20.41	4.25	6.30	50.92	9.20	8.92	149W
Waco Grain & Seed Company,							
Waco, Texas.							
Special 21% Protein Dairy Feed.....	21.00	4.00	11.00	45.00	.....	.....	510A
Analysis.....	20.49	4.34	11.09	46.85	9.45	7.79	433W
Wade Meat Company,							
Sweetwater, Texas.							
50% Protein Meat and Bone Scraps..	50.00	6.00	3.00	0.00	.....	.....	1475B
Analysis.....	49.38	13.04	2.46	3.64	4.87	26.61	3S
Analysis.....	47.03	13.61	2.33	2.85	5.37	28.81	79S
Analysis.....	48.85	13.19	1.99	2.66	6.10	27.21	157S
Analysis.....	53.84	9.55	2.15	3.26	7.75	23.45	310S

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

448Off quality.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Walden's Feed & Produce Market, Alvarado, Texas.							
Walden's Growing Mash.....	14.00	3.30	5.50	51.00	.....	.....	1535I
Analysis.....	16.26	3.85	3.04	56.65	9.18	11.02	446W
Waldo Alfalfa Milling Company, Inc., Bryan, Texas.							
Waldo Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	142B
Analysis.....	19.37	2.37	24.38	36.10	8.23	9.55	294F
Analysis ⁴⁴⁹	19.98	3.23	20.48	35.63	6.40	14.28	464F
Analysis.....	24.59	3.39	18.11	38.25	4.50	11.16	442M
Waldo Alfalfa Milling Company, Inc., El Reno, Oklahoma.							
Waldo Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	2689D
Analysis.....	16.35	3.28	19.32	39.97	6.65	14.43	103F
Analysis.....	16.37	3.33	19.77	40.45	5.99	14.09	49M
Analysis.....	25.20	3.23	14.02	37.80	7.38	12.37	432M
Analysis.....	19.55	2.80	14.49	42.84	7.50	12.82	91T
Analysis.....	25.62	3.17	15.98	34.41	8.83	11.99	541W
Waldo Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00	.....	.....	2689E
Analysis.....	8.69	.75	45.02	32.08	7.53	5.93	214M
Waldo Sun-Cured Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	.....	.....	2689F
Analysis.....	19.15	2.26	18.24	41.09	8.50	10.76	265F
Waldo Medium Ground Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	2689H
Analysis ⁴	10.62	1.25	34.13	36.79	9.29	7.92	211H
Wallace Grain Milling Company, Fort Worth, Texas.							
Perfection Brand Egg Mash.....	18.00	3.50	7.20	51.00	.....	.....	1793E
Analysis ⁴⁵⁰	19.39	4.24	6.05	53.50	11.02	5.80	453T
Walnut Creek Milling Company, The, Great Bend, Kansas.							
Wheat Gray Shorts.....	16.00	3.50	5.50	55.00	.....	.....	1699A
Analysis.....	17.93	4.15	4.77	57.74	12.07	3.34	357F
Ward Milk Products Division, Kraft-Phenix Cheese Corporation, Chicago, Illinois.							
Ward's Dried Buttermilk.....	30.00	5.00	0.00	38.00	.....	.....	2147A
Analysis.....	30.80	5.68	.22	44.36	9.14	9.80	295S
Warnken & Sons, A. D., Poth, Texas.							
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	2209A
Analysis.....	29.27	5.51	22.20	29.77	8.75	4.50	183M
Analysis.....	28.66	5.48	22.51	32.96	5.94	4.45	88W
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	2209C
Analysis.....	28.05	5.52	24.30	32.57	5.08	4.48	27H
Analysis.....	28.70	6.01	24.35	29.95	6.15	4.84	279H
Washington Cotton Oil Mill, Inc., Washington, Louisiana.							
43% Protein Soybean Oil Meal.....	43.00	6.00	6.00	28.00	.....	.....	1725C
Analysis.....	42.39	13.10	7.05	26.99	4.49	5.98	283M
Watson, R., Mart, Texas.							
Chowmix All-Mash Laying Ration....	15.00	3.50	4.50	50.00	.....	.....	2361D
Analysis.....	16.24	5.03	3.19	61.36	9.98	4.20	513W

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

⁴⁴⁹Excess of sand found.⁴⁵⁰Alfalfa leaf meal found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Weatherford Milling Company, Inc., El Reno, Oklahoma.							
Diamond "C" Egg Mash.....	18.00	4.00	8.00	47.00	.....	.....	138A
Analysis ⁴⁵¹	19.74	4.19	7.66	52.57	8.19	7.65	27K
Analysis ⁴⁵²	18.40	4.05	5.68	55.36	9.50	7.01	461K
Weimar Oil Mill, Inc., Weimar, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	215C
Analysis.....	44.37	6.84	8.80	26.79	6.89	6.31	47M
Analysis.....	44.33	6.62	9.55	26.87	6.48	6.15	38S
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	215D
Analysis.....	43.93	6.02	9.66	26.31	7.81	6.27	155M
Weinmann Milling Company, J. F., Little Rock, Arkansas.							
Jewel Brand Sweet Mixed Feed.....	9.00	2.00	22.00	47.00	.....	.....	2407I
Analysis.....	9.76	1.48	15.63	52.53	14.56	6.04	319F
Jewel Brand 16% Protein Dairy Feed.....	16.00	3.00	15.00	40.00	.....	.....	2407O
Analysis.....	16.46	4.10	16.81	41.85	10.75	10.03	142F
Analysis ⁴⁵³	16.56	4.05	15.07	41.62	11.39	11.31	318F
Boss Brand Sweet Feed.....	9.00	2.00	23.00	46.00	.....	.....	2407U
Analysis ⁴⁵⁴	10.12	2.92	27.61	41.53	10.24	7.58	74F
Analysis.....	9.72	2.00	23.45	42.46	14.05	8.32	424F
Weiser's Hatchery & Feeds, Giddings, Texas.							
Weiser's Blue Ribbon Brand 5 Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	99A
Analysis ^e	22.60	5.52	5.90	46.68	8.49	10.81	257M
Weiser's O. K. Brand Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	99A
Analysis.....	22.06	5.57	6.34	46.59	9.62	9.82	418M
Weiser's Special Laying Mash.....	19.00	3.80	6.00	48.00	.....	.....	99C
Analysis.....	19.66	4.49	5.93	49.00	11.85	9.07	417M
Weiser's O. K. Brand Growing Mash.....	16.00	3.60	7.00	50.00	.....	.....	99E
Analysis.....	19.01	4.60	6.34	52.27	10.45	7.33	419M
Welch Grain Company, Dalhart, Texas.							
Corn Chop.....	9.00	3.50	3.00	70.00	.....	.....	690A
Analysis ^a	11.28	3.91	2.10	70.79	9.87	2.05	522K
18% Protein Dairy Feed.....	18.00	3.00	10.00	55.00	.....	.....	690D
Analysis.....	20.52	3.83	8.73	52.05	9.35	5.52	196K
Wendland Grain Company, Temple, Texas.							
Bellco Special Five Egg Mash.....	20.00	3.80	6.50	44.00	.....	.....	1701F
Analysis ⁴⁵⁵	20.60	4.46	6.17	50.41	9.63	8.73	255M
Analysis.....	18.88	4.52	7.22	53.26	7.43	8.69	34W
E-Ko Egg Laying Mash.....	20.00	3.50	8.00	45.00	.....	.....	1701T
Analysis.....	20.12	4.48	7.64	51.71	7.46	8.59	32W
Analysis.....	20.76	4.53	7.06	48.41	10.75	8.49	519W
E-Ko All-Mash Baby Chick Starter with Charcoal.....	16.00	3.80	5.50	50.00	.....	.....	1701Y
Analysis ^e	17.13	4.60	5.23	55.62	10.00	7.42	332W
E-Ko Growing Mash.....	15.50	3.80	8.00	52.50	.....	.....	1701A1
Analysis.....	15.70	4.85	7.51	56.24	10.05	5.65	415M
Screenings, Molasses, Corn Husk, Oyster Shell, and Salt.....	5.00	1.00	10.00	55.00	.....	.....	1701A8
Analysis.....	8.96	1.40	9.32	55.86	14.65	9.81	213W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁵¹Deficient in ground limestone and salt.⁴⁵²In pellet form. Short in weight. Even-weighted to 100 lbs. net and sale resumed.⁴⁵³Excess of ground limestone and salt found.⁴⁵⁴Carbonate of lime found, not claimed.⁴⁵⁵Corn gluten meal found, not claimed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wendland Grain Company, Temple, Texas—Continued.							
Happy 10% Protein Sweet Feed.....	10.00	2.00	12.00	54.00	.....	.....	1701B8
Analysis.....	10.20	1.07	10.37	52.39	13.71	12.26	419W
West Cotton Oil Mill, West, Texas.							
Panther Brand Mixed Feed.....	11.70	1.70	36.50	35.00	.....	.....	447A
Analysis.....	12.00	1.75	34.60	38.35	8.05	5.25	370W
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	447E
Analysis ^{b c}	41.73	6.95	11.76	28.18	5.72	5.66	51W
Analysis.....	43.08	6.29	10.58	27.48	7.07	5.50	169W
Analysis.....	43.98	6.03	9.64	27.47	7.37	5.51	175W
Analysis.....	44.98	6.75	9.29	26.38	6.70	5.90	256W
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	447F
Analysis ^j	43.54	5.85	11.03	27.86	6.02	5.70	57W
Analysis.....	43.91	6.02	10.25	27.28	6.86	5.68	174W
Cotton Bloom Brand Chick Starter.....	19.00	4.00	5.50	52.00	.....	.....	447G
Analysis.....	19.90	5.15	4.49	54.21	9.42	6.83	449W
Cotton Bloom Brand Growing Mash.....	18.50	4.00	5.50	53.00	.....	.....	447I
Analysis.....	18.90	4.91	4.53	55.17	10.29	6.20	452W
Panther Brand Laying Mash.....	19.00	4.00	7.50	46.00	.....	.....	447N
Analysis.....	20.35	4.85	5.71	50.25	9.70	9.14	526W
West Feed & Grist Mill, Glen Rose, Texas.							
Glen-Tex Cow Feed.....	18.00	3.80	14.00	45.00	.....	.....	661C
Analysis ⁴⁵⁶	18.12	4.26	16.92	44.01	9.50	7.19	283W
Glen-Tex Egg Mash with Charcoal.....	20.00	3.80	7.50	45.00	.....	.....	661F
Analysis ^e	20.02	5.50	8.03	46.78	9.76	9.91	282W
West Flour Mill, West, Texas.							
Economy Brand Starting Mash.....	19.00	3.80	5.50	50.00	.....	.....	935H
Analysis.....	20.92	3.96	4.08	50.10	12.21	8.73	455W
Wes-Tex Grain & Milling Company, Plainview, Texas.							
Buttercup Dairy Cow Feed.....	18.00	3.20	9.00	51.00	.....	.....	2425D
Analysis ⁴⁵⁷	18.26	3.29	9.81	53.24	9.27	6.13	374K
Ground Hegari Heads, Stalks, and Stems.....	7.00	2.00	20.00	55.00	.....	.....	2425Z
Analysis ^a	6.70	2.13	16.68	54.15	12.70	7.64	312K
Wes-Tex All-Mash Baby Chick Starter.....	18.00	3.70	6.00	53.00	.....	.....	2425A1
Analysis ⁴⁵⁸	21.32	4.49	4.63	53.49	9.10	6.97	273K
Analysis.....	20.94	4.83	4.42	54.84	8.52	6.45	438K
Wes-Tex Alfalfa Meal and Molasses.....	10.50	1.20	26.50	41.00	.....	.....	2425A6
Analysis.....	10.22	1.04	30.09	41.41	10.30	6.94	310K
New Deal Brand Special Mixed Feed.....	12.00	1.60	15.50	49.00	.....	.....	2425A8
Analysis ⁴⁵⁹	13.95	2.06	16.73	48.36	7.34	11.56	55K
Analysis.....	11.59	2.13	15.73	49.20	12.21	9.14	329K
Wes-Tex Laying Mash.....	20.00	3.50	7.00	46.00	.....	.....	2425A9
Analysis.....	22.31	4.15	5.34	51.23	8.71	8.26	172K
Wes-Tex All-Mash Turkey Starter.....	26.00	3.50	4.50	34.00	.....	.....	2425B1
Analysis.....	29.24	5.17	4.67	42.95	7.77	10.20	440K
Wes-Tex Growing Mash with Cod Liver Oil.....	18.00	3.50	6.00	52.00	.....	.....	2425B2
Analysis.....	20.90	4.22	5.35	53.57	8.89	7.07	360K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁵⁶Excess of ground limestone found.⁴⁵⁷34% protein linseed meal claimed, not found. Ground soybeans and sudan grass seed found, not claimed. Used by manufacturer in feeding own stock.⁴⁵⁸Deficient in 37% protein linseed meal.⁴⁵⁹41% protein soybean oil meal claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wes-Tex Grain & Milling Company, Plainview, Texas—Continued.							
Wes-Tex Cream-Maker Brand Dairy Feed.....	16.00	3.00	9.00	49.00	9.00	7.38	2425C2
Analysis.....	17.50	2.66	9.90	53.56			88K
West Texas Cottonoil Co., Abilene, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			1417D
Analysis.....	42.96	8.69	10.73	25.89	6.58	5.15	73S
Analysis.....	44.39	7.95	10.13	25.88	6.30	5.35	75S
Analysis.....	42.55	8.24	11.22	27.47	5.23	5.29	160S
Analysis.....	44.44	7.77	11.08	26.00	5.32	5.39	223S
Paymaster Brand Aco Mixed Feed.....	11.80	1.70	38.00	36.00			1417E
Analysis.....	11.35	2.02	37.57	40.56	5.40	3.10	11S
Analysis.....	12.92	1.72	33.88	41.77	5.71	4.00	289S
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00			1417K
Analysis.....	43.26	6.17	11.22	27.18	6.90	5.27	335S
Paymaster Brand 43% Protein Cottonseed Cubes.....	43.00	6.00	12.00	23.00			1417M
Analysis ^{e460}	40.51	5.93	13.13	29.17	6.38	4.88	334S
West Texas Cottonoil Co., Ballinger, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			327F
Analysis ^{f 461}	39.18	7.15	12.89	29.30	6.48	5.00	339S
Analysis.....	43.24	5.76	9.47	28.88	6.46	6.19	405S
Paymaster Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00			327G
Analysis.....	43.69	5.70	11.04	28.18	6.02	5.37	270S
Analysis.....	44.12	6.21	10.85	27.30	6.15	5.37	275S
West Texas Cottonoil Co., Littlefield, Texas.							
Paymaster Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00			1643A
Analysis ^e	41.76	5.80	12.04	29.67	5.89	4.84	278K
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			1643B
Analysis.....	42.93	6.85	10.44	28.70	5.63	5.45	63K
Analysis.....	45.07	6.54	10.46	26.49	6.04	5.40	78K
Analysis.....	44.08	6.55	11.14	26.80	6.44	4.99	180K
Analysis.....	45.33	7.18	9.46	27.37	5.37	5.29	257K
Analysis ^e	41.98	6.67	11.79	28.16	6.43	4.97	268K
Analysis.....	43.26	6.80	10.85	27.83	6.40	4.86	353K
West Texas Cottonoil Co., Munday, Texas.							
Paymaster Brand 41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00			151C
Analysis.....	42.73	8.83	11.14	25.58	6.09	5.63	150S
Analysis.....	43.76	7.63	11.12	25.99	6.03	5.47	300S
Paymaster Brand Jersey Pride Mixed Feed.....	11.80	1.70	38.00	36.00			151D
Analysis.....	12.40	2.96	36.34	38.80	6.37	3.13	64S

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁶⁰Excess cottonseed hulls present.⁴⁶¹Replaced with other meal.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
West Texas Cottonoil Co., Plainview, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1148A
Analysis.....	43.72	6.03	10.25	28.04	6.58	5.38	84K
Analysis.....	45.82	6.70	10.09	26.10	5.81	5.48	96K
Paymaster Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1148B
Analysis.....	46.84	6.49	9.29	25.86	6.21	5.31	184K
Paymaster Brand 43% Protein Cottonseed Cubes.....	43.00	6.00	12.00	23.00	.....	.....	1148K
Analysis.....	44.66	6.34	9.92	27.15	6.81	5.12	375K
Paymaster Brand 43% Protein Coarse Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1148L
Analysis.....	41.76	8.90	11.65	26.78	5.89	5.02	277K
Paymaster Brand 43% Protein Pebble-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1148P
Analysis.....	39.35	7.95	11.96	28.91	6.68	5.15	367K
West Texas Cottonoil Co., San Angelo, Texas.							
Paymaster Brand 43% Protein Cottonseed Cubes.....	43.00	6.00	12.00	23.00	.....	.....	843J
Analysis.....	40.80	6.44	11.71	28.16	7.79	5.10	337S
Analysis.....	44.30	7.29	10.04	26.32	6.28	5.77	338S
20% Protein Range Feed Cubes with Molasses.....	20.00	3.00	21.00	42.00	.....	.....	843L
Analysis.....	18.81	2.96	18.05	45.53	10.50	4.15	265S
West Texas Cottonoil Co., Shamrock, Texas.							
Paymaster Brand 28% Protein Whole-Pressed Cottonseed.....	28.00	5.00	23.00	29.00	.....	.....	1758B
Analysis..... ⁴⁶²	29.12	5.56	21.76	34.92	4.12	4.52	216K
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1758E
Analysis.....	43.23	6.60	9.94	28.31	6.67	5.25	317K
Paymaster Brand 28% Protein Ground Whole-Pressed Cottonseed.....	28.00	5.00	23.00	29.00	.....	.....	1758K
Analysis.....	29.86	5.54	21.22	35.21	3.77	4.40	113K
Paymaster Brand 43% Protein Coarsely Ground Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1758L
Analysis.....	43.20	7.97	8.88	27.53	6.97	5.45	385K
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	1758M
Analysis.....	38.70	6.11	11.87	28.28	9.88	5.16	382K
Analysis.....	39.85	5.97	11.49	29.92	7.66	5.11	387K
Analysis.....	43.18	6.95	9.66	29.01	5.75	5.45	454K
Paymaster Brand 28% Protein Whole-Pressed Cottonseed Pellets.....	28.00	5.00	23.00	29.00	.....	.....	1758N
Analysis.....	29.51	6.11	19.79	32.49	8.05	4.05	297K
West Texas Cottonoil Co., Slaton, Texas.							
Paymaster Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1118A
Analysis.....	46.48	6.24	9.77	25.90	5.80	5.81	391K
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1118B
Analysis.....	45.53	6.22	10.30	27.32	5.25	5.38	68K
Analysis.....	43.49	6.07	11.32	27.95	5.89	5.28	155K
Analysis.....	44.66	6.47	7.66	30.65	5.23	5.33	338K
Analysis.....	43.97	6.55	11.54	27.51	4.85	5.58	339K
Analysis.....	43.35	6.04	11.65	27.54	6.29	5.13	380K

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁶²In ground condition.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
West Texas Cottonoil Co., Slaton, Texas—Continued.							
Paymaster Brand 43% Protein Cottonseed Pellets.....	43.00	6.00	12.00	23.00	.....	.....	1118H
Analysis.....	44.03	6.40	11.95	24.77	7.65	5.20	347K
Paymaster Brand 43% Protein Coarse Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1118I
Analysis.....	44.04	6.98	10.12	27.10	6.23	5.53	455K
West Texas Cottonoil Co., Winters, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1304A
Analysis.....	42.01	7.54	12.78	26.24	6.61	4.82	214S
Analysis.....	44.63	6.87	9.15	27.70	6.62	5.03	411S
West Texas Rendering Plant, Wichita Falls, Texas.							
50% Protein Meat and Bone Scraps..	50.00	6.00	3.00	0.00	.....	.....	2179A
Analysis ⁴⁶³	49.59	7.77	2.65	2.61	6.32	31.06	2179A
Analysis.....	56.46	7.46	1.36	1.05	7.30	26.37	327K
Analysis ⁴⁶⁴	28.84	8.52	2.49	1.8	5.56	54.41	165T
Analysis ^c	47.50	13.34	2.29	1.64	7.36	27.87	167T
Analysis.....	54.50	8.77	1.66	1.20	7.55	26.32	257T
Analysis.....	57.15	6.52	1.25	1.25	6.59	27.24	405T
Analysis.....	54.71	8.21	1.46	2.11	7.11	26.40	469T
Western Condensing Company, Eureka, California, and Branches.							
Peebles Dried Whey.....	12.00	0.50	0.10	65.00	.....	.....	258A
Analysis ^{k b}	14.95	.84	.08	66.49	6.92	10.72	312H
Analysis ^{b465}	12.01	.65	.13	67.34	8.26	11.61	179M
Western Feeders Supply Company, Fort Worth, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	2586D
Analysis ^{b466}	43.52	5.93	10.11	27.29	6.58	6.57	278M
Western Star Mill Company, The, Salina, Kansas.							
Wheat Gray Shorts.....	16.00	4.00	6.00	55.00	.....	.....	1303A
Analysis.....	17.95	4.58	5.49	55.80	12.15	4.03	266M
Whaley Mill & Elevator Company, Gainesville, Texas.							
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	15D
Analysis.....	10.46	6.53	6.96	64.78	7.51	3.76	23T
Analysis.....	10.35	6.75	6.55	63.90	9.90	2.55	396T
Wheat Gray Shorts and Screenings..	15.00	3.50	6.00	55.00	.....	.....	15I
Analysis ^{c467}	17.08	4.54	6.47	57.60	10.10	4.21	112F
Analysis.....	16.97	3.63	4.92	58.27	12.19	4.02	342F
Analysis.....	16.90	4.07	4.36	59.87	11.43	3.37	371F
Analysis.....	18.12	4.38	5.99	55.05	12.31	4.15	476F
Analysis.....	16.57	4.39	6.42	59.72	8.86	4.04	29T
Analysis ^{c467}	16.54	4.78	6.26	56.73	10.83	4.86	106T
Analysis ^{c467}	16.78	4.25	6.53	58.00	10.54	3.90	227T
Analysis ^{c467}	15.90	4.14	6.75	59.09	9.18	4.94	40W
Analysis.....	16.93	3.85	6.05	58.48	10.92	3.77	138W
Analysis.....	18.26	4.23	4.94	58.50	10.09	3.98	398W
Whaley's Laying Mash.....	18.20	3.50	6.00	48.00	.....	.....	15V
Analysis.....	21.23	5.37	5.35	49.40	9.28	9.37	402T

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁶³Stomach contents and salt found.⁴⁶⁴Steamed bone meal.⁴⁶⁵Blank Texas tags attached.⁴⁶⁶Cottonseed meal. Defaced tags attached.⁴⁶⁷Wheat brown shorts and screenings.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wharton County Cotton Oil Mill, El Campo, Texas.							
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	1863D
Analysis.....	28.10	5.63	22.74	31.35	7.33	4.85	462M
25% Protein Whole-Pressed Cottonseed.....	25.00	6.00	25.00	29.00	.....	.....	1863E
Analysis.....	29.88	6.56	22.24	31.24	5.68	4.40	29M
Wheeler Cotton Oil Company, Inc., Wheeler, Texas.							
28% Protein Whole-Pressed Cottonseed Pellets.....	28.00	4.00	23.00	29.00	.....	.....	1872D
Analysis.....	27.64	5.55	21.65	32.51	7.53	5.12	207K
Analysis.....	27.76	6.03	21.05	33.11	7.95	4.10	296K
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	4.00	23.00	29.00	.....	.....	1872E
Analysis.....	29.05	4.73	22.40	34.58	4.81	4.43	10K
White Grain Company, Lamesa, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1934E
Analysis ⁴⁶⁸	6.93	2.24	13.29	63.36	8.55	5.63	476W
White's Quality Brand Laying Mash.....	18.00	3.50	6.50	48.00	.....	.....	1934G
Analysis.....	20.95	4.19	6.65	50.81	8.61	8.79	546K
White's Quality Brand Chick Starter.....	17.00	3.50	7.00	51.00	.....	.....	1934J
Analysis.....	19.12	4.58	6.20	53.25	8.88	7.97	503K
White's 20% Protein Dairy Feed.....	20.00	3.40	12.00	44.00	.....	.....	1934K
Analysis.....	21.82	3.50	10.32	47.09	9.70	7.57	341K
Whorton Feed Mill, Joshua, Texas.							
Ground Whole Barley.....	11.00	1.50	6.00	65.00	.....	.....	2154B
Analysis.....	11.48	1.75	4.60	69.98	9.64	2.55	374W
Whyte Feed Mills, Pine Bluff, Arkansas.							
Special Horseshoe Horse and Mule Feed.....	11.00	3.30	12.00	56.00	.....	.....	1096F
Analysis ⁴⁶⁹	9.81	3.06	8.00	61.32	12.74	5.07	368F
Analysis ⁴⁷⁰	8.46	2.43	9.35	61.03	12.71	6.02	369F
Muleshoe Sweet Mixed Feed.....	9.00	2.00	15.00	55.00	.....	.....	1096B7
Analysis ⁴⁷¹	8.58	1.72	11.67	55.46	13.33	9.24	367F
Wichita Feed Store, Wichita Falls, Texas.							
Sure Brand Lay Mash.....	18.00	3.60	7.50	49.00	.....	.....	707E
Analysis.....	19.76	5.11	7.12	50.89	7.99	9.13	8T
Wichita's Special Brand 24% Protein Cow Feed.....	24.00	3.60	15.00	41.00	.....	.....	707M
Analysis ⁴⁷²	24.37	3.81	12.14	39.97	9.33	10.38	470T
Wilbur-Ellis Company, San Francisco, California.							
Lighthouse Brand 67% Protein Sardine Meal.....	67.00	3.00	1.00	0.00	.....	.....	697A
Analysis.....	70.51	4.92	.49	6.08	4.18	13.82	173K

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

⁴⁶⁸Excess of corn cobs and husk found.⁴⁶⁹Carbonate of lime found, not claimed. 34% protein linseed meal claimed, not found. Information on bags and tags at variance.⁴⁷⁰34% protein linseed meal claimed, not found. Ground rice hulls found, not claimed.⁴⁷¹Ground rice hulls and carbonate of lime found, not claimed.⁴⁷²Tags not plainly printed.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wilbur-Ellis Company, San Francisco, California—Cont'd.							
Farallone Vacuum-Dried 68% Protein Fish Meal.....	68.00	5.00	1.00	4.00	.....	.....	697B
Analysis.....	69.47	4.14	.14	6.35	5.80	14.10	271K
Analysis ^c	68.45	3.20	.34	5.32	7.31	15.38	221M
Farallone 68% Protein Vacuum-Dried Fish Meal.....	68.00	3.00	1.00	4.00	.....	.....	697B
Analysis ^j	71.12	3.68	.15	6.75	6.03	12.27	318T
Pacific Coast Brand 65% Protein Sardine Meal.....	65.00	3.00	1.00	0.00	.....	.....	697F
Analysis ^b	62.09	10.60	.69	3.78	6.03	16.81	91K
Wilkinson Milling Company, Coleman, Texas.							
Happy Hen Brand Laying Mash.....	18.00	3.60	6.00	50.00	.....	.....	434C
Analysis.....	17.83	3.85	5.00	52.04	10.44	10.84	139S
Wheat Mixed Feed, Screenings, and Hominy Feed.....	15.40	3.40	9.00	52.00	.....	.....	434F
Analysis.....	16.90	3.59	6.83	56.63	11.76	4.29	355S
Williamson Feed & Hatchery, Graham, Texas.							
Our Special Dairy Feed.....	20.00	3.90	9.00	49.00	.....	.....	890H
Analysis.....	21.67	4.49	7.92	51.60	8.36	5.96	6T
Wilson & Company, Inc., Chicago, Illinois.							
Condensed Buttermilk.....	10.00	2.00	0.50	10.00	.....	.....	1784A
Analysis.....	11.30	2.68	.15	10.89	71.73	3.25	1784A
Wilson & Company, Inc., Oklahoma City, Oklahoma.							
Red "W" Brand 50% Protein Feeding Tankage with Bone.....	50.00	6.00	3.00	0.00	.....	.....	2399E
Analysis.....	51.00	8.33	2.33	1.65	6.07	30.62	82K
Wilson Grain & Elevator Company, Coleman, Texas.							
Wilson's Chick Growing Mash.....	20.00	3.60	6.00	44.00	.....	.....	1033G
Analysis.....	22.43	4.46	3.33	51.05	9.86	8.87	354S
Wilson's Turkey Starter and Grower.....	21.50	3.60	6.00	43.00	.....	.....	1033H
Analysis.....	24.70	4.97	5.90	44.81	8.94	10.68	417S
Wilson Produce Company, Bassel, Belton, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	2183A
Analysis ^a	9.00	2.81	10.37	62.38	10.46	4.98	503W
Sunshine Brand Laying Mash with Iron Oxide.....	18.00	3.50	7.00	47.00	.....	.....	2183B
Analysis ^{e k}	16.78	4.80	5.69	57.75	8.15	6.83	203W
Wingo Oil Mill, Wills Point, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1620A
Analysis.....	48.10	7.46	9.88	25.76	3.27	5.53	199F
Analysis ^c	50.18	7.17	9.35	23.59	4.15	5.56	200F
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	1620A
Analysis ^j	42.85	5.85	12.61	27.44	5.92	5.33	470F
Analysis ^b	43.05	5.92	11.80	27.55	6.29	5.39	423H
43% Protein Cottonseed Flakes.....	43.00	6.00	12.00	23.00	.....	.....	1620B
Analysis.....	48.16	5.77	9.70	25.07	5.65	5.65	283F

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Winters Hatchery & Produce Company, Winters, Texas.							
Kirkham's Growing Mash.....	16.00	3.70	6.50	57.00	.....	.....	2507A
Analysis.....	16.80	4.63	3.87	59.24	10.46	5.00	414S
Kirkham's Chick Mash.....	18.00	4.00	7.00	53.00	.....	.....	2507B
Analysis.....	18.90	4.65	5.56	55.32	9.47	6.10	351S
Kirkham's Egg Mash.....	18.00	3.70	7.00	54.00	.....	.....	2507C
Analysis.....	18.92	4.99	3.71	56.80	9.68	5.90	415S
Withrow Mills Company, Teague, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	794A
Analysis.....	8.92	3.00	11.17	64.64	10.27	2.00	226W
Witt Milling Company, Plainview, Texas.							
Whole Oat Chop.....	11.00	4.00	12.00	58.00	.....	.....	2577M
Analysis.....	14.87	3.74	10.03	57.06	9.55	4.75	89K
Woerner's Warehouse, Fredericksburg, Texas.							
Woerner Mixed Cow Feed.....	19.00	4.00	11.00	48.00	.....	.....	2460E
Analysis.....	20.33	4.29	9.66	50.29	10.14	5.29	344H
Woerner Laying Mash with Charcoal	19.50	3.60	8.00	46.00	.....	.....	2460F
Analysis.....	22.67	5.78	6.96	45.70	9.02	9.87	345H
Wolf Feed and Coal, Frank, Wichita Falls, Texas.							
Wolf's 20% Protein Cow Feed.....	20.00	3.60	12.00	49.40	.....	.....	1533H
Analysis.....	20.18	5.54	11.69	47.52	8.72	6.35	97T
Womble Oil Mill Company, Caldwell, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	42C
Analysis.....	44.55	5.85	10.05	27.38	6.17	6.00	251M
Analysis.....	42.76	6.88	10.39	26.98	7.29	5.70	330W
43% Protein Nut-Size Cottonseed	.....	.....	.....	.....	.....	.....	.....
Cake.....	43.00	6.00	12.00	23.00	.....	.....	42D
Analysis.....	44.73	5.70	9.52	26.79	7.36	5.90	122S
Wood County Cotton Oil Company, Mineola, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1751E
Analysis.....	43.42	8.87	10.33	25.09	6.76	5.53	201F
Analysis.....	43.70	7.28	9.83	26.55	7.06	5.58	202F
Wood Feed Mill, Madisonville, Texas.							
Our-Own Brand Chick Starter.....	18.00	3.50	5.50	53.00	.....	.....	1045A
Analysis.....	19.60	5.23	6.00	51.87	9.14	8.16	438M
Our-Own Brand Dairy Feed.....	15.00	3.00	15.00	48.50	.....	.....	1045B
Analysis.....	16.19	3.98	12.29	50.98	9.89	6.67	145M
Our-Own Brand Laying Mash.....	20.00	3.80	6.50	44.00	.....	.....	1045C
Analysis.....	22.73	5.18	6.36	44.57	8.83	12.33	146M
Woodruff's Hatchery & Feed Store, San Angelo, Texas.							
Woodruff's Best Cow Feed.....	20.00	3.40	18.00	41.00	.....	.....	1486D
Analysis.....	20.00	3.70	17.06	42.33	10.05	6.86	207S
Mixed Feed.....	18.00	3.00	21.00	39.50	.....	.....	1486E
Analysis.....	20.80	3.82	18.73	40.04	9.98	6.63	410S
Lay-Gold Brand Laying Mash.....	19.00	3.50	5.00	47.50	.....	.....	1486G
Analysis.....	19.42	4.48	4.94	52.62	10.15	8.39	348S

a, b, c, d, e, f, g, h, i, j, k. —See legend at the beginning of this table.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wright Grain Company, Pasadena, Texas.							
Wright's 18% Protein Dairy Feed....	18.00	4.50	16.00	40.00			1016A
Analysis.....	19.15	5.86	14.46	39.17	10.68	10.68	271M
Wright's Laying Mash.....	19.50	3.70	6.00	46.50			1016C
Analysis ⁴⁷³	20.60	4.60	5.02	46.63	11.15	12.00	270M
Wright's 24% Protein Dairy Feed....	24.00	3.80	15.00	37.00			1016F
Analysis ⁴⁷⁴	25.58	4.85	12.33	38.80	9.83	8.61	447M
Wright's Stock Feed.....	11.00	4.00	16.00	45.50			1016G
Analysis.....	12.35	6.20	13.92	46.10	10.98	10.45	269M
Wuenschel Milling Company, Kingsville, Texas.							
Velvet Brand Growing Mash containing Iron Oxide.....	17.00	3.50	6.50	52.00			156G
Analysis ^e	19.58	4.60	5.52	54.20	8.73	7.37	86H
Velvet Brand Growing Mash.....	17.00	3.50	6.50	52.00			156G
Analysis ⁴⁷⁵	18.15	4.76	5.26	55.15	9.66	7.02	399H
Blue Border Brand Laying Mash Pellets.....	19.00	3.70	6.00	49.00			156P
Analysis ⁴⁷⁵	19.10	3.70	4.82	53.89	10.73	7.76	334H
Velvet Brand Laying Mash Pellets containing Iron Oxide.....	18.00	3.50	7.00	51.00			156R
Analysis ⁴⁷⁵	18.80	4.23	4.65	53.25	9.89	9.18	85H
Wunderlich, F. H., Houston, Texas.							
Best Brand 6 Cow Feed.....	20.00	4.50	16.00	41.00			831A
Analysis.....	22.00	5.33	13.04	41.22	9.45	8.96	469M
Yates Hatchery & Feed Store, Morton, Texas.							
Yates' Eg-Em-On Brand Laying Mash.....	18.00	3.50	5.00	55.00			959B
Analysis ^{e476}	19.55	3.01	4.25	55.73	10.50	6.96	350K
Yates' Eg-Em-On Brand Laying Mash.....	18.00	3.50	6.00	51.00			959B
Analysis.....	20.12	3.90	5.68	53.02	10.53	6.75	508K
Yorktown Cotton Oil & Manufacturing Company, Yorktown, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			363E
Analysis.....	42.70	6.25	11.22	26.80	7.89	5.14	144H
Analysis.....	42.91	5.80	11.30	26.94	7.90	5.15	251H
Analysis ^e	42.39	6.15	11.26	26.56	7.86	5.78	329H
Analysis.....	43.10	6.26	11.48	24.95	8.51	5.70	450H
Analysis.....	42.50	6.30	11.49	25.94	8.33	5.44	457H
43% Protein Sheep-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00			363H
Analysis.....	44.07	6.15	11.06	26.74	6.39	5.59	61H
Young, L. D., Jonesboro, Texas.							
Lovena Laying Mash.....	18.00	3.50	7.00	49.00			687A
Analysis.....	18.18	4.30	8.07	50.53	9.59	9.33	307W

a, b, c, d, e, f, g, h, i, j, k.—See legend at the beginning of this table.

⁴⁷³Excess of ground oyster shell found.⁴⁷⁴Alfalfa stem meal claimed, not found.⁴⁷⁵Registration canceled.⁴⁷⁶Alfalfa stem meal found, not claimed. Ground oyster shell claimed, not found.

Table 15. Guaranteed Composition and Analyses of Feeds, September 1, 1939, to August 31, 1940—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Yukon Mill & Grain Company, Yukon, Oklahoma.							
Wheat Gray Shorts.....	<i>16.50</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>			1026C
Analysis ^a	18.64	4.49	5.67	55.70	10.09	5.41	75F
Analysis ⁴⁷⁷	19.78	4.67	5.76	57.60	8.10	4.09	51K
Analysis.....	18.61	4.50	5.57	56.59	10.92	3.81	204T
Analysis ⁴⁷⁸	18.16	4.55	8.78	52.12	10.81	5.58	215T
Yukon's Best Baby Chick Starter with Charcoal.....	<i>17.00</i>	<i>4.00</i>	<i>5.00</i>	<i>51.00</i>			1026D
Analysis ^e	19.19	5.26	5.19	53.18	9.71	7.47	322K
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.50</i>	<i>10.00</i>	<i>50.00</i>			1026F
Analysis.....	19.22	3.78	10.26	52.27	8.59	5.88	26K
Hominy Feed.....	<i>10.00</i>	<i>6.00</i>	<i>7.00</i>	<i>60.00</i>			1026H
Analysis.....	12.24	10.26	7.98	58.57	7.59	3.36	48K
Yukon's Best Growing Mash.....	<i>17.50</i>	<i>3.80</i>	<i>7.50</i>	<i>51.00</i>			1026I
Analysis ^k	20.73	4.86	6.48	51.01	10.39	6.53	487K
Baby Chick Feed.....	<i>10.00</i>	<i>2.50</i>	<i>3.50</i>	<i>69.00</i>			1026K
Analysis ^k	12.59	2.29	1.75	72.58	9.49	1.30	325K
Zedler and Sons, C., Luling, Texas.							
Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>			59M
Analysis.....	20.90	5.20	6.95	47.69	8.71	10.55	293H
All-Mash Chick Starter.....	<i>16.80</i>	<i>3.50</i>	<i>5.00</i>	<i>52.50</i>			59V
Analysis.....	17.02	4.32	3.49	57.52	10.32	7.33	384H
Magnolia Special Dairy Feed.....	<i>16.00</i>	<i>3.20</i>	<i>12.50</i>	<i>49.00</i>			59X
Analysis.....	18.92	3.95	8.64	49.38	10.61	8.50	446H

^a, ^b, ^c, ^d, ^e, ^f, ^g, ^h, ⁱ, ^j, ^k.—See legend at the beginning of this table.⁴⁷⁷Ground wheat screenings present.⁴⁷⁸Wheat bran and screenings.